

FINAL
GRAPE CRUSH REPORT
1978 CROP

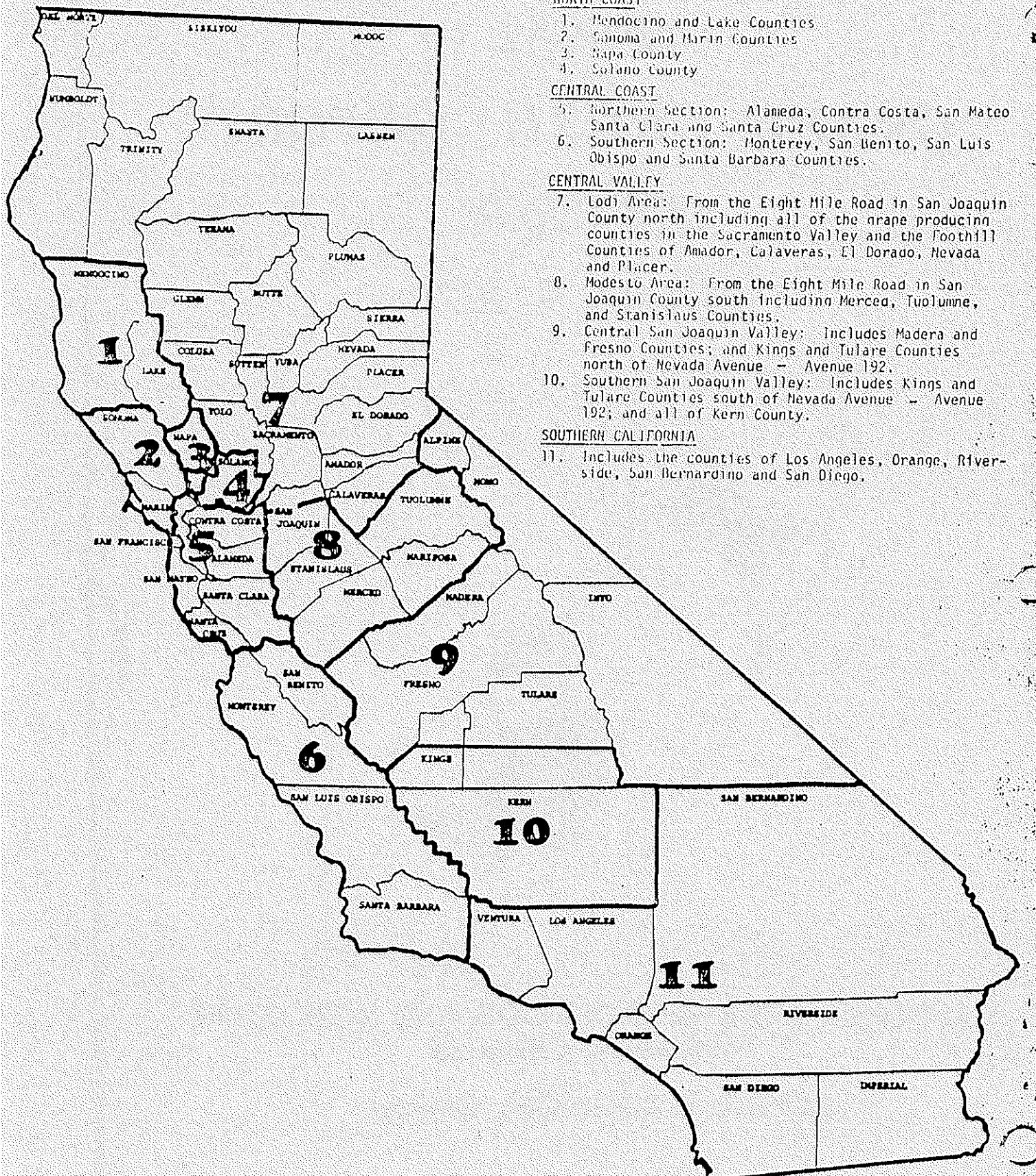
March 9, 1979



CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
Sacramento, California

RICHARD E. ROMINGER, Director

DEFINITION OF DISTRICTS



GRAPE CRUSH REPORT

Information contained in this report was supplied by vintners to fulfill the reporting requirements of Senate Bill No. 1609.

This report includes all grape tonnage crushed and all tonnage purchased and prices as of February 25, 1979 by California vintners. Data by varieties are shown for eleven grape reporting districts as well as for the State totals. In some cases, individual variety price information and tons purchased have been omitted for one or more districts to avoid disclosure of individual operations. However, the prices and tons are included in State and district averages and totals.

Total grapes crushed in 1978 was 2,542,053 tons which is an 8.1 percent increase over the 1977 total crush of 2,336,353 tons. The weighted average degrees brix for all grapes crushed in 1978 was 20.8 which is one-tenth point below last year's figure of 20.9.

The reported weighted average degrees brix for grapes purchased was 20.9. The weighted average price per ton for grapes reported as having a final price was \$189.29 for all varieties. This is 25.5 percent higher than the 1977 price of \$150.79. Weighted average price for raisin type grapes was \$152.89 per ton, table type grapes was \$140.07, and wine type was \$208.90 per ton. The weighted average degrees brix for grapes crushed was 20.9.

The 1978 weighted average price per ton for all grapes purchased as distilling material for other than beverage brandy was \$74.19 per ton compared with \$42.84 in 1977. The degrees brix for distilling material grapes was 18.9 in 1978 and 19.5 in 1977.

D E F I N I T I O N S

Tonnage Crushed: Totals reported reflect the quantity crushed by variety and Grape Reporting District where the grapes were grown. Minor tonnages (less than 25 tons) are not included by varieties but are included in district and State totals. Packinghouse culls are included in "all raisin grape" and "all table grape" totals.

Tonnage Purchased: Purchased tonnage reflects totals by variety and district where grown for all grapes with final prices not subject to change. Minor tonnages (less than 25 tons) are not included by variety but are included in district and State totals. Grapes pooled by cooperatives and those grown by wineries and used for their own production are not included in purchases.

Weighted Average Prices: Prices reflect actual weighted averages of final prices not subject to further revision. Prices do not include grower returns for tonnage pooled by cooperatives or returns for grapes grown by wineries and used for their own production. Adjustments for sugar calculations and any bonuses or allowances are included.

The weighted average prices reported by variety and district are final prices for grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy. Final prices for grape distilling material other than beverage brandy are shown separately.

Prices are equivalent to delivered basis in the area grown including normal within-area hauling allowances. Purchases made on a roadside basis include the usual hauling allowance for local delivery in the area grown. Out-of-area purchases made on a delivered basis do not include extra hauling costs for delivery outside the area.

Base Prices: Base prices in this report are subject to adjustments to reflect quality of grapes when delivered. Adjustments principally reflect sugar content, but may reflect other quality factors such as defects or material other than grapes. The weighted average base price is an average of all base prices weighted by the tonnage purchased.

Average Degrees Brix: Degrees brix for tonnage crushed are weighted averages based on reports from cooperatives and independently owned wineries. Degrees brix for purchased grapes are weighted averages based on tonnage where price is final and not subject to change.

Brix Adjustment Factors: The brix adjustment factors determine adjustments to base prices to compensate for sugar variations. In this report, adjustments are expressed in dollars per ton, or percent of base price per degree variance from the established brix base. Occasional lots are traded on price per degree brix as delivered.

EXPLANATION OF TABLES

Table 1: Table 1 includes all grape tonnage crushed including distilling materials by California wineries. This table is broken down by the 11 reporting districts by variety. The 1977 and 1978 State totals by variety are shown for comparison purposes. District totals are shown by grape type and total of all varieties. Packinghouse culls for raisin and table type grapes are included in district and State totals only. Tonnages of less than 25 for any variety are not displayed by district. These minor tonnages are included in the State and district totals.

Table 2: Table 2 comprises the weighted average degrees brix for all grapes crushed including distilling materials by California wineries from the 1978 crop by type, variety, and reporting districts. The 1977 and 1978 State averages are shown for comparison purposes.

Table 3: Table 3 shows the total tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by all California wineries from the 1978 crop. Table 3 does not include tonnage purchased for distilling material. This table gives totals by type, variety, and reporting districts where grown. The 1977 and 1978 State totals are given for comparison purposes. Some tonnages are not shown to avoid disclosure of individual operations. Packinghouse culls for raisin and table type grapes are included in district and State totals only.

Table 4: Table 4 shows the weighted average degrees brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by all California wineries from the 1978 crop. Distilling material grapes are not included. This table gives totals by type, variety, and reporting districts where grown. The 1977 and 1978 State totals are given for comparison purposes.

Table 5: Table 5 gives the weighted average price per ton of all individual winery reports received. This weighted average price is for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1978 crop. This does not include the price per ton for grapes purchased for distilling materials. Prices include all sugar bonuses or allowances as well as within area hauling. This table gives totals by type, variety, and reporting districts where grown. Packinghouse cull prices for raisin and table type grapes are included in district and State totals only. The 1977 and 1978 State totals are given for comparison purposes.

The following example indicates the method used for calculating weighted averages.

Net Fresh Weight Tons	Actual Final Price Paid (Including Brix Adjustments, Bonuses or Allowances) Dollar/Ton	Total Paid
Zinfandel	100	\$200
Zinfandel	20	\$150
Zinfandel	10	\$170
Total Tons Received and Dollars Paid by District	130	\$24,700
Weighted Average Price = $\frac{24,700}{130}$	\$190/Ton	

Table 6: Table 6 shows the tons of grapes purchased by California wineries for distilling material from the 1978 crop. Average degrees brix and average price per ton are shown by type and variety. The 1977 and 1978 State totals are given for comparison purposes.

Table 7: Table 7 shows base price paid to growers by brix factors by percent of variety. Base prices do not include any sugar bonuses or hauling allowances. A weighted average of all base prices is shown by variety. Grapes priced on a dollar per sugar point are not included in weighted average base prices.

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Table I: GRAPES FOR CULTIVATION. Total of grapes produced in California in 1937 with comparisons.

Type and Variety	Redondo and late	Sonoma and Marin	Rape	Bolano	Central Coast	Northern	Southern	Central	Eastern	Southern California
RAISIN GRAPE:										
Black Corinth (Zantes)	---	---	79.1	28.2	76.5	21.3	26.5	316.2	1,245.9	71.4
Sultana	---	---	---	---	213.8	42.3	166.6	166.6	1,349.1	377.3
Thompson Seedless	---	---	79.1	28.2	231.3	32.3	211.4	211.4	1,522.1	377.7
Mixed Raisin	---	---	18.6	4.8	35.0	5.7	98.0	98.0	1,361.3	341.9
Total Raisin	---	---	79.1	28.2	529.3	529.3	136.0	136.0	3,112.3	753.5
TABLE GRAPE:										
Afelia	---	---	---	---	---	---	---	---	---	64.7
Black Monukka	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	38.3
Blackrose	---	---	---	---	---	---	---	---	---	112.3
Calmieria	---	---	---	---	---	---	---	---	---	25.5
Cardinal	---	---	---	---	60.7	---	2,067.7	6,265.3	1,112.7	1,112.7
Conimichon	---	---	---	---	---	---	877.3	1,955.7	1,033.7	312.4
Emperor	---	---	---	---	---	56.1	---	---	---	1,162.5
Exotic	---	---	---	---	13,866.5	16,369.0	408.1	408.1	52.2	52.2
Flame Seedless	---	---	---	---	---	---	1,303.9	1,303.9	1,351.3	1,351.3
Gold	---	---	---	---	---	---	91.8	91.8	46.1	46.1
Golden Muscat	---	---	---	---	357.3	133.9	726.8	726.8	1,414.7	1,414.7
Italia	---	---	---	---	---	1,312.3	629.4	629.4	1,273.2	63.7
Olivette Blanche	---	---	---	---	---	28.2	---	---	866.4	866.4
Pellette	---	---	---	---	---	133.7	694.0	694.0	23.2	23.2
Queen	---	---	---	---	---	316.6	408.1	408.1	1,399.3	1,399.3
Red Malaga	---	---	---	---	302.4	514.8	724.7	724.7	432.9	432.9
Ribier	---	---	---	---	32.7	4,742.9	19,942.4	19,942.4	3,562.4	3,562.4
Rish Baba	---	---	---	---	39.5	---	143.2	143.2	24,729.4	24,729.4
Scarlet	---	---	---	---	39.5	---	164.4	164.4	164.4	164.4
Superior Seedless	---	---	---	---	85.602.6	56.7	1,403.0	1,403.0	397.5	397.5
Tokay	---	---	---	---	38.1	18,962.2	8,255.7	8,255.7	3,035.5	3,035.5
White Malaga	---	---	---	---	84.3	733.1	1,315.2	1,315.2	80.6	80.6
Mixed Table	---	---	---	---	35,772.8	351.9	51,063.3	60,881.8	27,301.1	194,916.7
Total Table	---	---	0.6	---	1,136.3	51,063.3	60,881.8	60,881.8	45.1	25,216.4
WINE GRAPE: (White)										
Berger	560.7	703.8	---	---	93.5	8,394.7	482.9	3,542.7	2,171.6	1,133.1
Catarratto	1,185.6	4,058.2	5,344.9	---	324.0	9,174.4	147.6	120.4	---	313.7
Chardonnay	922.2	1,312.5	5,833.0	137.6	559.2	10,665.5	16,772.3	656.0	175.7	175.7
Chenin Blanc	---	---	---	112.9	1,702.1	516.4	124.8	35,864.3	39,456.3	39,456.3
Emerald Riesling	---	---	41.4	446.9	49.8	267.5	267.5	14,733.2	14,733.2	14,733.2
Fehér Szagos	359.5	41.4	27.5	456.4	526.6	526.6	526.6	522.3	522.3	522.3
Flora	4,351.5	5,882.1	2,420.9	454.4	395.7	2,626.0	6,255.3	1,039.7	1,039.7	1,039.7
Folle Blanche	68.9	1,458.0	1,164.0	126.7	1,135.8	3,006.9	48,352.3	58,622.5	58,622.5	58,622.5
French Colombard	470.0	437.5	1,205.7	360.8	67.0	2,171.3	1,398.6	66.6	66.6	66.6
Gewürztraminer	399.4	188.1	188.1	---	---	31.0	31.0	93.5	93.5	93.5
Gray Riesling	---	---	---	---	---	---	---	1,376.2	1,376.2	1,376.2
Green Hungarian	---	---	---	---	---	---	---	5,229.8	5,229.8	5,229.8
Grillo	---	---	---	---	---	---	---	2,047.6	2,047.6	2,047.6
Helena	---	---	---	---	---	---	---	26.0	26.0	26.0
Inzolia	---	---	34.8	---	83.7	787.6	555.7	66.6	155.7	155.7
Malvasia Bianca	---	---	70.9	---	185.4	2,515.7	77.7	1,141.3	1,141.3	64.5
Muscadelle du Bordelais	14.3	277.1	277.1	---	63.9	35.3	443.3	443.3	281.7	281.7
Muscat Blanc	342.7	639.5	225.0	196.7	162.2	84.2	5,379.2	11,313.6	6,692.0	6,692.0
Orange Muscat	55.9	70.9	70.9	---	149.5	50.5	14,380.2	2,927.1	93.2	93.2
Pedro Ximenes	47.9	484.8	2,375.2	583.4	27.1	3,509.4	1,037.0	3,850.1	3,324.4	3,324.4
Perereilla	133.4	95.0	107.6	---	185.1	12,697.4	1,312.3	1,312.3	203.1	203.1
Pinot Blanc	808.8	2,234.3	3,572.8	101.2	276.3	3,509.4	1,037.0	1,037.0	158.3	158.3
Semillon	66.6	859.1	714.2	369.2	63.9	190.7	86.5	86.5	25.6	25.6
Red Weltliner	47.9	484.8	484.8	---	216.7	216.7	216.7	216.7	77.0	77.0
St. Emilion (Figni Blanc)	10,194.3	19,265.3	25,655.1	1,068.6	307.4	185.1	12,697.4	1,312.3	64.2	64.2
Sauvignon Blanc	38.1	89.6	107.6	5,038.9	54,828.3	30,742.4	96,526.6	96,526.6	140.0	140.0
Sauvignon Vert	475.0	808.8	2,375.2	583.4	324.9	2,605.3	5,133.6	2,394.0	2,394.0	2,394.0
Servant (Verdal)	1,243.6	1,243.6	1,243.6	1,243.6	185.1	12,697.4	1,312.3	1,312.3	365.3	365.3
Sylvaner	133.4	95.0	107.6	1,068.6	5,038.9	54,828.3	30,742.4	96,526.6	96,526.6	96,526.6
White Riesling	10.194.3	19,265.3	25,655.1	1,068.6	307.4	151.4	313.9	17.1	143.3	143.3
Mixed White	---	---	---	---	---	---	---	143.3	143.3	143.3
Total White	---	---	---	---	---	---	---	143.3	143.3	143.3

Type and Variety	Mendocino and Lake	Sonoma and Marin	Ridge	Cold Climate	Northern	Southern	Central Coast	East	Arctic	West	Central California	Southern California
WHITE GRAPES: (Black)												
Ariatatico	42.1	130.4	---	---	---	---	---	516.3	422.9	159.1	22.6	22.6
Alicante Bouschet	55.0	90.5	36.1	---	---	422.7	5,226.9	25,022.3	56,861.9	4,516.3	457.5	11.6
Aramon	---	---	---	---	---	---	---	142.0	113.0	25.3	47.3	1.1
Berbera	---	---	49.2	---	---	---	263.7	436.3	1,284.3	130.4	34.5	113.3
Bielan	---	---	---	---	---	---	---	1,284.3	1,284.3	1,614.0	45.7	1.4
Black Malvoisie	---	---	49.2	---	---	---	238.2	238.2	238.2	238.2	3.0	22.1
Blue Elbe	---	---	---	---	---	---	---	---	---	---	---	---
Cabernet Franc	---	---	---	---	---	---	---	---	---	---	---	---
Cabernet Sauvignon	5,200.6	16,736.0	20,645.7	314.0	451.9	21,331.4	5,156.7	2,113.5	1,353.6	6,347.9	257.3	22.7
Carignane	7,324.9	3,701.4	1,038.3	437.6	226.1	775.8	22,530.5	43,713.4	71,719.7	25,399.5	515.9	23.4
Carinean	---	---	---	---	100.8	574.5	1,231.5	9,332.9	7,944.3	1,231.5	3.3	1.2
Centurian	---	---	---	---	96.1	39.3	457.0	4,626.3	2,243.2	457.0	12.3	1.2
Charbono	39.4	---	149.5	---	---	---	---	---	---	---	7,172.4	2.6
Early Burgundy	217.3	509.5	320.1	222.6	465.4	353.3	3,546.7	3,546.7	3,546.7	4,243.1	24.3	2.1
Gamay (Napa)	920.0	1,811.3	4,547.4	1,052.2	115.5	1,353.3	1,353.3	1,353.3	1,353.3	1,353.3	21.0	1.0
Grand Noir	1,435.4	1,035.4	1,136.4	392.4	4,785.3	231.2	---	331.3	1,659.7	1,659.7	1,659.7	1.7
Greache	167.0	60.9	213.2	104.7	1,993.8	1,353.4	45,657.3	61,655.2	79.4	79.4	11.2	1.2
Grignolino	453.2	---	87.3	29.6	---	---	---	26,741.1	26,741.1	26,741.1	26,741.1	2.3
Lenoir	---	---	---	---	---	---	---	163.3	163.3	163.3	163.3	1.3
Malbec	---	---	38.0	---	---	---	---	---	---	---	153.2	153.2
Mataro	42.9	2,166.9	2,361.3	33.7	3,634.2	47.6	49.4	222.7	222.7	222.7	222.7	1.3
Merlot	272.2	1,421.9	2,633.2	---	1,971.1	27.9	34.7	---	---	1,127.3	1,127.3	1.4
Mission	---	7,328.6	8,304.8	359.3	7,074.1	222.0	9,176.7	7,684.1	2,036.3	8,322.7	5,563.3	1.5
Muscat Hamburg	59.0	111.8	236.5	29.7	6,764.4	6,120.1	3,725.1	9,923.1	7,116.0	7,116.0	5,521.6	1.6
Nebbiolo	57.5	341.3	---	---	2,354.1	---	359.2	359.2	359.2	359.2	2,543.1	1.7
Pereilli 101	---	---	---	---	---	1,134.5	1,014.8	369.5	369.5	369.5	369.5	1.7
Petite Bouschet	1,690.1	1,359.9	2,633.2	599.7	359.3	7,074.1	7,488.7	6,120.1	1,309.5	1,309.5	1,309.5	1.4
Petite Sirah	---	---	---	---	---	238.0	238.0	238.0	238.0	238.0	238.0	1.4
Pinot Noir	---	---	---	---	---	6,120.1	32,422.5	32,422.5	32,422.5	32,422.5	32,422.5	2.5
Pinot St. George	59.0	111.8	236.5	29.7	2,354.1	65.4	1,031.7	51,061.9	33.9.9	33.9.9	31.7	1.7
Reforco/Mondeuse	75.3	341.3	---	---	---	---	94.0	5,421.3	14,177.3	14,177.3	14,177.3	1.7
Roussanne	---	---	---	---	236.7	53.2	1,269.2	8,505.3	4,337.5	4,337.5	4,337.5	1.7
Ruby Cabernet	120.3	88.8	110.7	227.5	1,485.2	246.3	6,595.3	37,664.7	24,641.8	15,146.1	15,146.1	1.4
St. Macaire	---	---	---	---	1,859.6	35,611.8	51,061.9	32,422.5	32,422.5	32,422.5	32,422.5	1.4
Salvador	---	---	---	---	65.4	1,031.7	51,061.9	32,422.5	32,422.5	32,422.5	32,422.5	1.4
Sanjoveze	---	35.3	---	---	---	---	94.0	5,421.3	14,177.3	14,177.3	14,177.3	1.7
Sauvao	---	---	---	---	37.5	135.7	135.7	135.7	135.7	135.7	135.7	1.7
Syrah/French Syrah/Shir	3,886.8	9,879.1	4,187.3	70.2	548.6	15,973.7	40,170.4	1,075.0	2,295.6	12,797.1	12,797.1	12,797.1
Tinta Madeira	23,473.0	45,593.7	46,903.5	2,956.1	389.7	13,632.7	367.3	1,533.2	2,345.6	15,323.5	15,323.5	15,323.5
Torriga	---	---	---	---	521.7	171.3	1,674.2	3,557.5	541.2	541.2	541.2	1.7
Vidalpenas	---	---	---	---	---	---	3,557.5	3,557.5	3,557.5	3,557.5	3,557.5	1.7
Zinfandel	---	---	---	---	---	---	338.5	338.5	338.5	338.5	338.5	1.7
Mixed Black	---	86.2	---	---	---	72.4	10,340.3	1,075.0	2,295.6	12,797.1	12,797.1	12,797.1
Total Black	---	---	---	---	---	---	1,674.2	3,557.5	541.2	541.2	541.2	1.7
Total Wine	33,456.3	64,859.0	72,758.6	4,054.7	8,094.7	128,422.6	121,144.8	304,253.8	531,369.1	22,960.1	33,677.3	4,727.3
Total All Varieties	33,456.3	64,859.0	72,837.7	4,073.3	8,100.1	128,450.8	207,153.0	340,227.7	1,111,851.0	537,398.9	32,742.3	1,650,323.6
<i>1/ Total reported tonnage for this variety was less than 25 tons.</i>												

Table 2: GRAPES FOR CRUSHING: Weighted average degrees brix for all grapes crushed by California wineries from the 1973 crop, by grape variety, reporting district where grown, with comparisons

Type and Variety	Wendover and Lake	Sonoma and Marin	Delta	Sacramento Area	Central Coast	Northern California	Southern California	Eastern Districts
RAISIN GRAPE:								
Black Corinth (Zantes)	24.5	24.5	24.5	23.0	22.3	23.3	24.5	19.7
Muscats	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
Sultanas	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
Thompson Seedless	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
Mixed Raisin	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
Total Raisin	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
TABLE GRAPE:								
Afmeria	24.9	24.9	24.9	23.0	21.2	20.6	20.4	20.7
Black Monukka	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Black Morocco	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Black Prince	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Blackrose	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
California Cardinal	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Carrihorn	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Emperor	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Exotic	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Flame Seedless	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Gold	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Golden Muscat	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Italia	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Olivette Blanche	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Perlette	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Queen	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Red Malaga	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Ribier	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Rish Baba	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Scarlet	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Superior Seedless	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Tokay	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
White Malaga	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Mixed Table	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
Total Table	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
WHITE GRAPE: (White)								
Burger	19.8	20.1	20.1	19.2	16.7	17.5	16.7	17.9
Catarratto	22.1	23.2	23.4	22.8	18.2	21.4	19.3	19.2
Chardonnay	21.7	22.2	22.5	23.0	21.1	22.9	21.3	23.0
Chenin Blanc	21.7	22.2	22.5	20.3	20.1	18.6	18.6	22.2
Emerald Riesling	21.7	22.2	22.5	19.1	20.0	19.9	19.6	19.9
Fehler Szagos	21.4	22.6	22.5	21.8	22.9	17.8	18.4	20.2
Flora	21.4	22.6	22.5	21.8	20.3	19.0	18.8	20.0
Folle Blanche	22.5	22.5	22.5	22.9	19.1	19.3	19.1	19.7
French Colombard	20.8	20.8	20.7	20.1	18.8	20.8	20.8	21.5
Gewurztraminer	22.4	22.5	21.7	20.4	20.5	19.9	19.4	19.4
Gray Riesling	21.2	21.3	22.2	22.9	23.7	19.4	20.5	23.0
Green Hungarian	19.9	20.1	20.0	21.0	23.6	18.2	20.0	23.0
Grillo	21.5	21.6	20.9	20.7	20.3	19.9	15.4	21.5
Helena	21.5	21.6	20.9	20.7	20.4	18.6	17.7	18.4
Tanzolia	22.7	22.7	22.7	23.1	20.4	19.0	17.7	19.7
Malvasia Bianca	22.7	22.7	22.7	23.1	22.4	19.9	21.4	21.4
Muscadelle du Bordelais	25.9	24.6	21.4	21.4	22.1	19.3	21.5	21.5
Muscat Blanc	21.5	21.5	21.6	21.6	27.5	18.3	19.8	22.6
Orange Muscat	21.5	21.6	20.9	20.7	20.4	18.6	17.7	21.6
Palomino	21.5	21.6	20.9	20.7	23.0	20.5	19.4	21.6
Pedro Ximenes	22.5	23.0	23.2	21.9	21.0	19.4	19.9	21.5
Pereira	20.9	21.4	21.8	22.1	21.0	21.6	16.3	16.3
Pinot Blanc	23.1	20.6	20.7	22.1	19.8	23.7	22.9	22.9
Red Veltiner	21.5	21.5	21.6	23.9	21.8	19.4	17.5	22.5
Rkatsiteli	21.8	22.4	20.9	20.8	20.8	18.1	18.0	23.4
St. Emilion (Ugni Blanc)	20.3	22.7	22.2	20.8	21.3	18.1	18.6	19.4
Sauvignon Blanc	21.9	21.6	20.8	21.5	19.6	19.1	19.1	21.1
Sauvignon Vert	21.9	21.4	21.8	21.9	21.5	19.4	19.4	19.4
Semillon	21.5	21.5	21.6	21.0	21.6	23.7	23.5	23.5
Servant (Verdal)	21.1	21.1	21.1	21.1	21.1	18.9	18.9	23.4
Sylvaner	21.9	22.9	22.8	23.3	21.3	18.1	18.6	19.4
White Riesling	21.6	21.6	20.8	20.8	21.5	19.6	19.1	21.1
Mixed White	21.1	21.9	22.8	22.0	21.2	19.3	18.3	21.6
Total White	21.1	21.9	22.8	22.0	21.1	19.3	18.3	21.6

Type and Variety	Hendocino and Lake	Sonoma and Marin	Rapa	Solano	Central Coast Northern	Central Coast Southern	Lodi	Modesto Area	San Joaquin Valley Central	San Joaquin Valley Southern	Southern California	W.E. State Itali
White GRAPES: (Black)												
Aleatico	24.2	21.9	---	---	---	---	---	23.3	19.0	23.0	22.1	22.1
Alicante Bouschet	23.0	24.9	20.8	---	---	---	---	23.2	22.4	19.4	20.7	19.4
Aramon	---	---	---	---	---	---	---	23.5	19.1	21.0	21.0	21.3
Barbera	---	---	---	---	---	---	---	23.8	21.8	20.4	22.5	22.6
Becchen	---	---	---	---	23.1	---	---	25.9	23.8	22.1	22.7	22.7
Black Malvoisie	---	---	---	---	---	---	---	24.0	20.6	20.4	---	24.3
Blue Elbe	---	---	---	---	---	---	---	19.1	21.7	20.4	---	21.2
Cabernet Franc	22.9	23.0	23.1	22.3	22.6	23.3	23.2	23.4	22.1	22.1	22.1	22.1
Cabernet Sauvignon	22.9	23.0	23.1	22.3	22.6	23.3	23.2	23.4	22.1	22.1	22.1	22.1
Calzin	---	---	---	---	---	---	---	20.9	22.1	22.9	23.0	23.0
Carignane	22.9	23.4	23.3	23.5	22.9	21.4	23.0	21.2	21.6	21.4	22.4	22.4
Carmelian	---	---	---	---	---	21.8	20.9	20.3	24.9	21.4	22.5	22.5
Centurian	---	---	21.7	21.7	---	25.6	20.3	24.9	19.8	22.7	22.7	22.7
Charbono	22.3	22.8	22.8	22.8	22.4	23.3	20.9	24.9	19.8	22.3	22.3	22.3
Early Burgundy	22.5	22.8	22.8	21.7	21.7	23.3	20.9	20.9	20.9	20.9	20.9	20.9
Gamay (Napa)	22.2	21.8	21.7	21.0	20.8	20.7	20.3	20.3	20.3	20.3	20.3	20.3
Gamay Beaujolais	22.4	22.6	23.5	21.3	21.6	24.1	21.2	20.6	22.3	20.1	22.7	22.7
Grand Noir	---	---	21.3	22.8	22.8	23.4	22.4	21.7	20.7	21.4	21.2	21.2
Grenache	21.7	22.8	22.8	22.8	22.8	23.4	22.4	21.5	20.5	18.4	21.9	21.9
Grignolino	---	---	22.5	22.5	20.7	20.7	20.7	20.9	20.5	20.0	22.1	22.1
Lenoir	---	---	---	---	---	---	---	---	---	20.5	22.6	22.6
Malbec	---	---	22.6	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7
Mataro	23.6	23.6	23.6	23.7	22.8	23.7	23.7	23.7	23.7	23.7	23.7	23.7
Merlot	23.3	23.6	23.7	23.7	23.5	23.3	23.3	23.3	23.3	23.3	23.3	23.3
Mission	---	---	---	---	---	24.0	23.0	23.0	23.0	21.7	23.5	23.5
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---	23.9	23.9
Nebbiolo	---	---	---	---	---	---	---	---	---	---	23.9	23.9
Perelli 101	---	---	---	---	---	---	---	25.4	23.6	22.5	24.6	24.6
Petite Bouschet	---	---	---	---	---	---	---	---	---	21.0	21.0	21.0
Petite Sirah	23.3	23.1	24.3	24.0	24.3	22.5	23.0	23.5	24.1	22.2	23.3	23.3
Pinot Noir	22.8	23.0	22.7	23.5	22.6	24.4	23.6	23.6	19.4	23.5	23.5	23.5
Pinot St. George	22.3	22.6	22.1	21.9	20.6	22.8	22.8	22.8	22.8	22.7	23.2	23.2
Refosco/Mondeuse	21.4	21.9	22.7	22.7	22.7	20.6	20.6	20.6	20.6	19.1	22.1	22.1
Roussanne	---	---	---	---	---	13.5	21.0	21.0	21.0	19.5	23.7	23.7
Tuby Cabernet	24.0	23.7	22.4	19.5	22.4	22.7	22.4	22.4	22.4	22.2	22.6	22.6
St. Hilaire	---	---	---	---	---	24.4	21.7	22.4	22.2	22.7	22.8	22.8
Sauvignon	---	---	---	---	---	24.8	23.0	23.0	23.0	23.0	23.1	23.1
Sangiovese	---	---	---	---	---	13.7	21.2	21.2	21.2	19.5	23.7	23.7
Souzão	---	---	---	---	---	21.7	21.7	21.7	21.7	24.2	24.2	24.2
Syrah/French Syrah/Shir	---	---	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	23.4	23.4
Tinta Madeira	---	---	---	---	---	24.9	21.3	22.7	23.7	24.1	22.7	22.7
Touriga	---	---	---	---	---	22.4	22.4	22.4	22.4	22.4	22.8	22.8
Valedegas	---	---	---	---	---	24.9	21.3	22.7	23.7	24.1	22.7	22.7
Zinfandel	22.3	23.5	23.5	23.3	24.6	22.6	21.0	22.0	24.6	22.0	25.5	25.5
Mixed Black	22.3	22.8	23.2	23.0	20.8	22.9	21.5	21.7	21.9	17.7	22.2	22.2
Total Black	22.9	23.1	23.0	22.4	22.6	23.0	23.1	21.8	22.0	21.3	24.5	24.5
Total Wine	22.4	22.3	23.0	22.1	21.7	22.6	22.1	21.0	21.0	20.4	22.2	22.2
Total All Varieties	22.4	22.8	23.0	22.1	21.7	22.6	20.7	21.0	20.6	20.3	21.3	21.3
/ Total reported tonnage for this variety was less than 25 tons.												

Table 3

Type and variety	Production and total	Soroma and Marín	Segura	Northern	Southern	Local areas	Western Apennines	Central Apennines	South Apennines	Calabria	Sardinia
WHITE GRAPES:											
Black Corinth (Lantes)	75,1	75,1	75,1	75,1	75,1	75,1	75,1	75,1	75,1	75,1	75,1
Muscats	1,010,3	2,908,5	4,428,3	4,428,3	4,428,3	4,428,3	4,428,3	4,428,3	4,428,3	4,428,3	4,428,3
Sultanas	1,279,2	5,095,1	137,6	124,5	10,9	5,123,2	110,8	96,3	2,203,3	6,56,3	14,24,3
Indipson Seedless											
Red Raisin									106,3		
Total Raisin									51,349,8		
WHITE GRAPES:											
Algeria	18,6	4,5	23,2	21,5	21,5	21,5	21,5	21,5	41,544,7	36,348,1	17,14,1
Black Monukka											
Black Morocco											
Black Prince											
Black Rose											
Calametra											
Cardinal											
Cornichon											
Emperor											
Exotic											
Golden Muscat											
Italia											
Olivette Blanche											
Perlette											
Queen											
Red Malaga											
Ribier											
Scarlet											
Superior Seedless											
Tokay											
White Malaga											
Mixed Table											
Total Table											
WHITE GRAPES: (white)											
Burgundy	542,0	703,7	703,7	703,7	703,7	703,7	703,7	703,7	476,0	3,633,7	1,310,1
Catarratto	1,010,3	2,908,5	4,428,3	4,428,3	4,428,3	4,428,3	4,428,3	4,428,3	129,4	129,4	129,4
Chardonnay	83,0	1,279,2	5,095,1	137,6	124,5	10,9	5,123,2	110,8	96,3	327,5	110,4
Chenin Blanc									106,0	106,0	106,0
Emerald Riesling									124,3	124,3	124,3
Federer Sagos									392,5	392,5	392,5
Flora									316,5	316,5	316,5
Folle Blanche	235,7	41,4	446,6	49,8	82,3	676,6	492,5	492,5	408,2	543,5	543,5
French Colombard	3,970,1	5,250,7	2,268,8	454,4	44,2	38,6	38,6	38,6	11,564,3	11,564,3	11,564,3
Gewürztraminer									39,5	39,5	39,5
Grey Riesling									54,1	54,1	54,1
Green Hungarian									82,0	16,995,2	16,995,2
Grillo	472,0	240,4	947,0	1,25,7	236,8	1,983,7	6,211,3	6,211,3	623,1	855,2	855,2
Helena	371,3	188,1	360,8	360,8	67,0	1,657,5	1,146,5	1,146,5	1,086,7	39,300,5	813,1
Inolia											
Malvasia Bianca											
Muscadelle du Bordelais											
Mustat Blanc											
Orange Muscat											
Palomino											
Pedro Ximenes											
Peverella											
Pinot Blanc											
Red Veltliner											
St. Emilion (Ugni Blanc)	423,3	580,2	1,745,4	1,745,4	1,745,4	1,745,4	1,745,4	1,745,4	1,745,4	1,745,4	1,745,4
Sauvignon Blanc	42,1	790,0	709,2	101,2	2,187,1	1,619,5	1,619,5	1,619,5	1,619,5	1,619,5	1,619,5
Sémillon											
Servant (Verdal)											
Sylvaner											
White Riesling	37,7	62,2	455,2	57,5	1,462,6	1,462,6	1,462,6	1,462,6	1,462,6	1,462,6	1,462,6
Third White	367,4	1,161,2	2,971,5	2,971,5	2,971,5	2,971,5	2,971,5	2,971,5	2,971,5	2,971,5	2,971,5
Third White											
White Ugni	8,631,0	15,900,4	4,337,6	1,537,5	1,665,1	33,917,6	36,261,2	36,261,2	36,261,2	36,261,2	36,261,2

Source: ISTAT - Istituto Nazionale di Statistica - Roma, Italy.

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Type and Variety	Mendocino and Lake	Sonoma and Marin	Napa	Solano	Central Coast Northern	Coast Southern	Lodi	Modesto Area	San Joaquin Valley Central	Southern California Southern	1978 State Total	1977 State Total	
WINE GRAPES: (Black)													
Affatico	---	129.9	---	---	---	---	206.4	422.9	159.1	287.6	82.9	82.1	
Alicante Bouschet	---	---	---	---	---	---	6,155.7	245.9	452.6	7,222.6	3,862.3	3,862.3	
Aramon	34.1	77.5	36.1	---	43.3	5,096.5	18,078.5	60,527.5	405.9	67.8	473.7	471.3	
Barbera	---	---	---	---	---	---	142.0	118.0	130.4	---	112.631	112.631	
Bettoni	---	---	49.2	---	258.7	401.4	1,113.4	906.2	---	72.756	72.756	72.756	
Black Malvoisie	---	---	---	---	---	88.2	---	---	---	39.5	39.5	39.5	
Blonde Elbe	---	---	83.7	---	2,049.7	461.1	6,079.3	752.6	52.441	2,767.1	3,459.8	3,459.8	
Cabernet Franc	3,252.8	12,812.2	16,659.0	314.0	11,579.0	3,862.5	2,049.7	6,079.3	752.6	63.2	63.2	63.2	
Cabernet Sauvignon	5,480.3	3,409.0	1,038.1	487.6	121.0	767.4	14,522.1	54,249.0	19,444.6	397.6	138,532.5	138,532.5	
Carmelinae	---	---	---	---	100.3	100.3	1,119.8	8,811.9	6,520.3	---	111,772.2	111,772.2	
Centurian	55.3	318.0	149.4	324.1	---	96.1	39.3	4,611.7	2,243.2	---	16,789.0	16,789.0	16,789.0
Charbono	58.7	1,659.8	4,218.5	1,052.2	465.4	53.7	---	---	---	---	6,990.3	6,990.3	6,990.3
Early Burgundy	479.9	707.3	1,106.8	253.0	3,491.4	2,935.1	1,346.1	172.8	1,539.3	1,446.0	204.7	199.1	199.1
Ganay (Napa)	---	---	60.9	---	2,059.3	---	---	---	1,520.5	62.1	16,845.7	16,845.7	16,845.7
Gamay Beaujolais	423.9	108.9	213.2	56.3	1,303.6	932.3	35,336.8	58,524.0	22,381.5	6,811.9	4,451.5	4,451.5	4,451.5
Grand Noir	42.8	42.8	42.8	33.7	33.7	36.4	499.4	499.4	499.4	499.4	499.4	499.4	499.4
Merlot	147.7	1,461.1	1,977.7	---	3,012.7	1,008.6	---	---	---	683.2	632.0	632.0	632.0
Mission	---	---	---	---	84.4	6,431.1	7,547.1	2,066.8	6,294.6	7,607.8	2,579.7	2,579.7	2,579.7
Muscat Hamburg	---	---	---	---	86.5	---	---	1,134.5	1,003.6	---	22,295.5	20,538.9	20,538.9
Nebbiolo	---	---	---	---	---	---	---	1,909.5	1,909.5	---	---	---	---
Perelli 101	75.3	87.5	256.1	---	236.7	53.2	1,153.3	7,490.9	3,551.3	2,577.6	2,544.8	2,544.8	2,544.8
Petite Bouschet	1,319.1	1,222.9	2,558.9	599.7	71.5	5,162.8	5,782.3	5,541.6	6,988.9	8,975.0	44.6	44.6	44.6
Pinot Noir	1,121.7	5,285.7	6,981.3	153.3	3,674.6	3,674.6	31,444.9	47,819.0	31,413.0	37,517.3	37,517.3	37,517.3	37,517.3
Pinot St. George	59.0	111.8	69.1	---	87.5	87.5	41.8	987.3	45.2	5,262.9	12,946.9	17,443.4	17,443.4
Refosco/Mondeuse	75.3	87.5	256.1	---	236.7	53.2	1,153.3	7,490.9	3,551.3	12,455.1	12,455.1	12,455.1	12,455.1
Rouquer	---	---	---	---	---	---	185.7	185.7	185.7	185.7	185.7	185.7	185.7
Ruby Cabernet	120.3	88.8	106.0	90.3	1,147.1	1,571.1	5,485.7	30,129.7	22,372.2	127.4	127.4	127.4	127.4
St. Macaire	---	---	---	---	---	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
Salvador	---	---	---	---	---	---	9,376.5	9,376.5	9,376.5	11,320.2	11,320.2	11,320.2	11,320.2
Sangiovese	35.3	39.8	39.831.3	2,956.1	1,407.6	164.2	42.1	601.3	456.8	1,539.1	1,560.8	1,560.8	1,560.8
Souzão	---	---	---	---	---	---	173,966.7	173,966.7	173,966.7	173,966.7	173,966.7	173,966.7	173,966.7
Tinta Madeira	---	---	---	---	116.0	---	185.7	77.4	544.2	65.9	65.9	65.9	65.9
Touriga	---	---	---	---	---	1,674.2	3,317.0	544.2	544.2	310.9	1,023.2	1,023.2	1,023.2
Valdepenas	2,975.7	9,030.0	3,728.9	70.2	442.0	11,125.2	27,958.9	1,075.0	278.3	5,651.4	4,753.5	4,753.5	4,753.5
Zinfandel	27.8	104.7	164.0	---	1,407.6	45,659.4	64,702.4	281.3	456.8	1,539.1	1,560.8	1,560.8	1,560.8
Mixed Black	16,753.4	36,738.0	39,831.3	2,956.1	1,407.6	164.2	42.1	173,966.7	173,966.7	173,966.7	173,966.7	173,966.7	173,966.7
Total Black	25,437.4	52,638.4	61,768.3	4,053.6	2,472.7	79,606.4	90,985.3	254,851.5	466,070.1	292,563.9	24,037.6	1,354,741	1,354,741
Total All Varieties	25,437.4	52,638.4	61,848.0	4,972.2	2,478.1	79,634.6	146,797.5	284,718.4	324,021.5	428,108.9	24,836.1	1,354,741	1,354,741

¹/ Total reported tonnage for this variety was less than 25 tons.

²/ Included in district and State totals but not shown to avoid disclosure of individual operations.

Table 4: GRAVES FOR CRUSHING: Weighted average degrees brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brands, by California vineyards from the 1978 crop, by type, variety, and reporting district where grown, with comparisons 1977 State Total

Type and Variety	Napa	Sonoma and Marin	Central Coast	Lodi	Modesto Area	Central	Southern California	Southern San Joaquin Valley	1978 State Total	1977 State Total
RAISIN GRAPES:										
Black Corinth (Zantes)										
Muscats	24.2	22.7	23.0	22.7	21.7	21.7	20.8	21.0	20.8	20.8
Sultans	22.7	22.7	23.0	22.7	18.6	19.4	19.7	20.4	20.4	20.9
Thompson Seedless	23.4	22.7	23.0	21.1	20.5	19.7	19.7	19.9	18.7	18.7
Mixed Raisin	24.2	23.6	16.0	23.0	20.8	20.5	19.9	21.1	20.4	20.3
Total Raisin	24.2	23.6	16.0	21.0	20.8	20.5	19.9	21.1	20.4	20.8
TABLE GRAPES:										
Almeria										
Black Monukka	22.7	22.7	23.0	22.7	20.8	20.8	20.8	21.0	21.2	21.7
Black Morocco	22.7	22.7	23.0	22.7	17.0	17.0	17.0	17.0	17.0	19.6
Black Prince	22.7	22.7	23.0	22.7	18.6	18.6	18.6	18.6	18.6	16.7
Blackrose	22.7	22.7	23.0	22.7	19.4	19.4	19.4	19.4	19.4	19.6
Caimeria	22.7	22.7	23.0	22.7	19.7	19.7	19.7	19.7	19.7	21.4
Cardinal	22.7	22.7	23.0	22.7	19.8	18.8	18.8	18.8	18.8	18.8
Cornichon	22.7	22.7	23.0	22.7	19.6	19.6	19.6	19.6	19.6	18.9
Emperor	22.7	22.7	23.0	22.7	19.4	19.4	19.4	19.4	19.4	19.7
Exotic Muscat	22.7	22.7	23.0	22.7	19.7	18.7	18.7	18.7	18.7	18.7
Italia	22.7	22.7	23.0	22.7	17.9	17.9	17.9	17.9	17.9	18.2
Olivete Blanche	22.7	22.7	23.0	22.7	19.2	19.2	19.2	19.2	19.2	18.1
Pellette	22.7	22.7	23.0	22.7	19.8	20.8	20.8	20.8	20.8	19.7
Queen	22.7	22.7	23.0	22.7	20.0	18.3	18.3	18.3	18.3	18.8
Red Malaga	22.7	22.7	23.0	22.7	19.6	18.3	18.3	18.3	18.3	19.1
Ribier	22.7	22.7	23.0	22.7	20.4	19.2	19.2	19.2	19.2	19.7
Scarlet	22.7	22.7	23.0	22.7	19.2	19.1	19.1	19.1	19.1	21.1
Superior Seedless	22.7	22.7	23.0	22.7	19.6	19.6	19.6	19.6	19.6	19.7
Tokay	22.7	22.7	23.0	22.7	18.7	20.4	20.4	20.4	20.4	19.6
White Malaga	22.7	22.7	23.0	22.7	18.7	18.7	18.7	18.7	18.7	17.7
Mixed Table	22.7	22.7	23.0	22.7	18.2	18.2	18.2	18.2	18.2	17.5
Total Table	22.7	22.7	23.0	22.7	18.7	19.4	19.4	19.4	19.4	19.9
WINE GRAPES: (White)										
Burger	19.6	20.1	22.7	22.7	16.9	17.5	16.4	17.7	17.7	17.1
Cataratto	22.1	23.4	21.9	23.5	19.9	22.0	21.1	21.4	21.4	19.4
Chardonnay	21.7	22.4	23.0	18.4	21.6	18.7	18.6	21.4	21.4	21.7
Chenin Blanc	21.9	22.4	21.8	18.4	20.1	19.9	17.7	22.7	23.2	22.3
Emerald Riesling	22.7	22.7	22.7	18.4	20.6	19.9	17.9	18.9	18.9	19.8
Faber Szegos	22.6	22.4	21.8	24.0	20.6	20.5	17.8	21.6	21.6	20.5
Flora	21.0	22.6	22.4	21.8	20.1	19.2	18.4	18.4	18.4	19.4
Folle Blanche	20.8	20.9	20.8	19.2	20.6	20.5	19.9	20.8	20.8	21.3
French Colombard	22.4	22.4	21.9	22.5	22.5	19.9	19.3	19.2	19.2	19.5
Gewurztraminer	21.2	21.6	22.5	23.0	21.3	19.4	20.6	20.6	20.6	20.3
Gray Riesling	19.9	20.1	20.0	19.0	19.2	22.7	20.1	20.1	20.1	22.3
Green Hungarian										21.8
Grillo										21.0
Helena										19.4
Inzolia										19.8
Malvasia Bianca										20.5
Muscadelle du Bordelais										20.5
Muscat Blanc										19.9
Orange Muscat										20.0
Palomino	21.6	20.9	20.7	22.7	21.1	20.0	21.5	21.4	21.4	21.4
Pedro Ximenes	21.4	21.2	21.7	21.1	17.8	17.1	18.2	20.1	19.6	20.6
Perevilia	21.5	21.9	22.2	22.9	20.6	19.3	16.3	19.0	17.5	18.1
Pinot Blanc	23.1	20.9	21.5	22.3	19.8	18.3	22.6	19.0	19.0	19.0
Red Veltiner										19.9
St. Emilion (Ugni Blanc)	22.6	23.0	23.8	23.9	19.4	19.9	19.1	18.6	18.6	19.5
Sauvignon Blanc	21.4	21.2	21.7	22.1	21.5	19.5	20.1	22.6	22.6	21.8
Petite Ximenes	21.5	21.9	22.2	22.9	20.6	19.3	17.0	18.6	18.6	19.9
Sémillon	21.8	21.6	21.6	22.2	22.2	18.1	19.1	19.1	19.1	20.7
Servant (Verdal)										19.9
Sylvaner	21.0	22.3	20.9	22.2	21.5	19.5	19.5	22.6	22.6	22.6
White Riesling	20.5	23.6	21.6	21.2	18.3	17.4	19.8	20.9	20.9	21.0
Mixed White	21.6	22.5	21.8	19.8	22.2	19.6	19.4	20.7	20.7	19.7
Total White	21.1	21.8	21.2	21.2	19.8	19.4	19.0	20.0	20.0	19.6

Type and Variety	Mendocino and Lake	Sonoma and Marin	Napa	Solano	Central Northern	Coastal Southern	Lodi Area	Mendocino Area	Modesto Area	San Joaquin Valley Central	Southern California	Southern California	
WINE GRAPES: (Black)													
Asticico	---	21.9	---	---	---	---	---	---	---	22.5	22.5	22.5	
Afifante Bouschet	---	24.5	20.8	---	---	---	23.5	21.2	22.2	16.1	21.2	21.2	
Aranon	22.9	---	---	---	---	---	25.5	21.2	22.7	21.0	21.0	21.0	
Barbera	---	---	---	---	23.1	---	---	24.5	23.4	23.3	23.3	23.3	23.3
Betian	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Black Malvoisie	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Blau Eibe	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Cabernet Franc	---	24.0	---	---	---	---	24.5	20.5	21.5	19.1	21.5	21.5	21.5
Cabernet Sauvignon	23.0	23.1	22.3	22.3	22.3	22.3	22.2	22.2	22.2	21.5	21.5	21.5	21.5
Calzin	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Carignane	22.9	23.4	23.3	23.3	23.5	23.5	21.3	21.3	21.3	21.3	21.3	21.3	21.3
Carmelian	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Centurian	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Charbono	22.0	21.7	21.7	21.7	21.8	21.8	25.6	26.3	26.3	19.7	21.2	21.2	21.2
Early Burgundy	22.1	22.8	22.0	22.0	22.0	22.0	23.3	23.3	23.3	21.5	21.5	21.5	21.5
Gamay (Napa)	22.5	21.7	21.7	21.7	21.0	21.0	20.5	20.5	20.5	21.0	21.0	21.0	21.0
Gamay Beaujolais	22.2	22.3	23.3	23.3	21.3	21.3	24.5	24.5	24.5	21.5	21.5	21.5	21.5
Grand Noir	---	---	---	---	21.3	---	---	---	---	21.5	21.5	21.5	21.5
Grenache	21.6	23.1	22.8	22.8	22.8	22.8	22.2	22.3	22.3	21.5	21.5	21.5	21.5
Grignolino	---	---	---	---	---	---	24.5	20.5	21.5	20.5	20.5	20.5	20.5
Lenoir	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Haibec	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Mataro	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Herriot	23.9	23.5	23.6	23.6	22.8	22.8	23.7	23.7	23.7	21.5	21.5	21.5	21.5
Mission	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Muscat Hamburg	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Nebbiolo	---	---	---	---	---	---	25.4	20.5	21.5	21.5	21.5	21.5	21.5
Pereilli 101	21.4	21.9	22.7	22.7	---	---	25.4	20.5	21.5	21.5	21.5	21.5	21.5
Petite Bouschet	---	---	---	---	---	---	18.5	21.5	22.1	21.5	21.5	21.5	21.5
Petite Sirah	23.4	22.8	24.3	23.9	23.8	23.8	23.1	23.1	23.1	21.5	21.5	21.5	21.5
Pinot Noir	22.6	22.6	22.7	22.7	23.5	23.5	22.7	22.7	22.7	21.5	21.5	21.5	21.5
Pinot St. George	22.3	22.6	23.4	23.4	23.4	23.4	23.4	23.4	23.4	22.5	22.5	22.5	22.5
Refosco/Mondeuse	21.4	21.9	22.7	22.7	---	---	18.5	21.5	22.1	22.1	22.1	22.1	22.1
Roxally	---	---	---	---	---	---	25.4	20.5	21.5	21.5	21.5	21.5	21.5
Rubired	---	---	---	---	---	---	25.4	20.5	21.5	21.5	21.5	21.5	21.5
Ruby Cabernet	24.1	23.7	22.4	22.4	18.5	18.5	22.8	22.8	22.8	22.3	22.3	22.3	22.3
St. Macaire	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Salvador	---	---	---	---	---	---	24.5	20.5	21.5	21.5	21.5	21.5	21.5
Sangiovese	---	25.9	---	---	---	---	16.6	21.1	19.3	19.3	19.3	19.3	19.3
Sonzão	---	---	---	---	---	---	25.4	20.5	21.5	21.5	21.5	21.5	21.5
Tinta Madeira	---	---	---	---	---	---	25.4	20.5	21.5	21.5	21.5	21.5	21.5
Touriga	---	---	---	---	25.1	25.1	22.7	22.7	22.7	23.4	23.4	23.4	23.4
Yaldeneñas	---	---	---	---	---	---	25.1	20.5	21.5	21.5	21.5	21.5	21.5
Zinfandel	23.1	23.4	23.4	23.4	25.1	25.1	23.4	23.4	23.4	25.4	25.4	25.4	25.4
Mixed Black	20.9	23.6	23.4	23.4	29.7	29.7	21.4	21.4	21.4	25.5	25.5	25.5	25.5
Total Black	22.9	23.0	23.0	22.4	23.1	22.8	23.1	23.1	23.1	22.3	22.3	22.3	22.3
Total Wine	22.3	22.6	22.8	22.1	21.5	22.7	22.7	22.7	22.7	21.1	21.0	21.0	21.0
Total All Varieties	22.3	22.6	22.8	22.1	21.5	22.7	20.8	21.1	20.6	25.6	22.0	21.3	21.3

¹/ Total reported tonnage for this variety was less than 25 tons.

²/ Included in district and State totals but not shown to avoid disclosure of individual operations.

Table 5: GRAPES FOR CRUSHING: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverages
brandy by California wineries from the 1938 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	Hendoco and Lake	Sonoma and Marin	Napa	Solano	Northern	Southern	Central Coast	Lodi Area	Modesto Area	San Joaquin Valley	Southern California	1938 Returns
RAISIN GRAPE:												
Black Corinth (Zantes)	---	---	550.64	---	---	---	325.00	---	160.60	151.34	158.26	121.23
Muscats	---	---	---	---	---	---	27	---	160.34	150.98	155.00	165.00
Sultanas	---	---	---	---	---	---	159.92	153.22	152.61	154.12	156.00	153.00
Thompson Seedless	---	---	---	---	---	---	100.00	---	113.22	113.22	113.22	120.20
Mixed Raisin	---	---	550.64	250.00	318.00	325.00	144.43	153.07	144.29	158.16	152.66	111.72
Total Raisin	---	---	550.64	250.00	318.00	325.00	159.92	144.43	153.07	144.29	158.16	111.72
TABLE GRAPE:												
Almeria	---	---	---	---	---	---	---	---	149.75	---	146.44	150.14
Black Monukka	---	---	---	---	---	---	---	---	---	---	113.22	120.20
Black Morocco	---	---	---	---	---	---	---	---	---	---	127.34	127.34
Black Prince	---	---	---	---	---	---	100.00	---	116.00	116.00	116.00	116.00
Black Rose	---	---	---	---	---	---	100.00	---	113.22	113.22	113.22	113.22
Cameria	---	---	---	---	---	---	115.43	139.09	131.11	131.11	131.11	131.11
Cardinal	---	---	---	---	---	---	135.97	140.45	155.03	155.03	155.03	155.03
Cornichon	---	---	---	---	---	---	120.00	---	126.18	126.18	126.18	126.18
Emperor	---	---	---	---	---	---	132.92	114.09	134.34	134.34	134.34	134.34
Exotic	---	---	---	---	---	---	---	---	136.39	148.33	137.11	137.11
Golden Muscat	---	---	---	---	---	---	155.00	154.90	150.00	154.26	154.26	154.26
Italia	---	---	---	---	---	---	98.55	146.53	123.46	123.46	123.46	123.46
Olivete Blanche	---	---	---	---	---	---	27	91.67	145.37	124.33	124.33	124.33
Perlette	---	---	---	---	---	---	150.60	110.24	128.85	128.85	123.95	89.46
Queen	---	---	---	---	---	---	100.00	---	---	100.00	100.00	96.19
Red Malaga	---	---	---	---	---	---	150.14	150.00	154.35	157.00	157.00	157.00
Ribier	---	---	---	---	---	---	150.00	149.20	146.45	150.00	150.24	150.24
Scarlet	---	---	---	---	---	---	200.00	150.16	124.62	146.79	142.33	104.57
Superior Seedless	---	---	---	---	---	---	150.16	141.54	134.45	132.30	137.45	97.53
Tokay	---	---	---	---	---	---	200.00	150.16	141.54	134.45	140.07	99.63
White Malaga	---	---	---	---	---	---	---	---	---	---	---	---
Mixed Table	---	---	---	---	---	---	---	---	---	---	---	---
Total Table	---	---	---	---	---	---	---	---	---	---	---	---
WINE GRAPE: (White)												
Burgundy	277.90	302.34	---	---	---	---	161.44	---	150.00	145.85	150.06	160.30
Catarratto	793.72	862.76	896.50	901.16	901.86	907.55	807.04	150.00	291.77	343.46	150.00	150.00
Chardonnay	533.09	541.16	541.16	411.28	512.89	501.90	286.88	242.00	240.29	235.12	246.47	223.23
Chenin Blanc	---	---	---	424.00	400.00	424.00	245.27	238.08	199.47	199.61	389.40	218.00
Emerald Riesling	360.88	417.09	387.27	355.49	400.00	400.00	141.41	141.41	141.41	270.95	270.95	210.14
Faber Szagos	368.86	361.42	358.05	313.52	337.46	395.20	249.64	230.75	217.45	228.80	250.00	243.45
Folia Blanche	879.12	796.52	723.91	561.18	501.98	530.00	698.10	483.15	261.69	171.62	425.51	414.93
French Colombard	541.94	516.18	527.96	416.21	362.85	425.00	245.00	245.00	245.00	245.00	325.15	247.15
Gewürztraminer	417.76	416.21	416.21	416.21	416.21	416.21	416.21	416.21	416.21	416.21	416.21	416.21
Gray Riesling	---	---	---	---	---	---	---	---	---	---	---	---
Green Hungarian	---	---	---	---	---	---	---	---	---	---	---	---
Grillo	---	---	---	---	---	---	---	---	---	---	---	---
Helena	---	---	---	---	---	---	---	---	---	---	---	---
Inzolia	---	---	---	---	---	---	---	---	---	---	---	---
Malvasia Bianca	---	---	400.00	---	400.00	400.00	200.00	200.00	203.12	287.42	100.00	150.00
Muscadelle de Bordelais	761.91	658.52	628.61	663.71	663.71	683.38	567.71	552.30	520.00	515.00	155.00	125.00
Orange Muscat	297.13	290.03	263.97	270.00	270.00	270.00	160.00	152.46	150.46	149.72	132.90	160.00
Pedro Ximenes	315.50	311.84	323.74	299.50	309.42	309.42	244.82	244.82	243.00	231.51	182.00	163.30
Pereverilla	627.37	748.35	404.51	416.82	416.82	416.82	567.71	552.30	520.00	515.00	155.00	157.34
Pinot Blanc	476.85	545.34	426.99	628.61	663.71	663.71	438.13	527.59	524.95	214.97	149.25	152.81
Red Veltliner	563.86	338.32	327.26	319.58	344.09	344.09	404.51	394.65	394.65	134.64	140.26	140.26
St. Emilion (Ugni Blanc)	317.67	311.84	323.74	299.50	309.42	309.42	244.82	244.82	243.00	231.51	182.00	163.30
Sauvignon Blanc	699.67	739.16	683.38	527.59	527.59	527.59	243.00	243.00	243.00	243.00	149.25	149.25
Sémillon	317.67	407.38	404.51	445.94	555.48	555.48	416.82	416.82	416.82	416.82	460.00	525.18
Servant (Verdal)	---	---	---	225.72	225.72	225.72	225.72	225.72	225.72	225.72	225.72	225.72
Sylvander	---	---	---	219.91	219.91	219.91	219.91	219.91	219.91	219.91	219.91	219.91
White Riesling	---	---	---	225.28	225.28	225.28	225.28	225.28	225.28	225.28	225.28	225.28
Mixed White	---	---	---	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41
Total White	483.58	539.62	519.58	555.48	555.48	555.48	445.94	445.94	445.94	445.94	445.94	445.94

Type and Variety	Hendocino and Lake	Sonoma and Marin	Napa	Coloma	Central Coast	Lodi	Mendocino Area	Southern California	Southern California
WINE GRAPES: (Black)									
Aleatico	---	196.73	250.50	---	---	104.23	115.30	130.00	137.10
Alicante Bouschet	---	400.00	474.27	307.18	---	---	97.39	119.92	91.46
Aramon	---	274.20	295.07	288.96	260.56	350.51	172.30	107.38	111.43
Barbera	---	355.07	363.45	378.16	216.49	156.40	157.57	112.00	133.00
Betian	---	317.25	516.18	533.22	378.63	486.19	147.73	122.42	112.35
Black Malvoisie	---	433.35	456.43	362.50	279.04	272.42	116.37	140.00	116.28
Blue Fife	---	317.79	456.75	462.53	378.16	315.19	143.51	115.00	122.53
Cabernet Franc	---	502.54	359.59	363.61	336.90	299.29	187.50	122.79	125.85
Charbono	---	422.31	422.31	422.31	251.06	129.11	104.63	109.33	109.89
Early Burgundy	---	300.98	300.98	300.98	203.57	218.62	121.43	114.67	103.00
Gamay (Napa)	---	317.60	318.36	504.73	528.01	261.42	179.28	123.51	103.54
Gayay Beaujolais	---	431.27	439.37	437.72	349.96	300.72	172.37	107.52	119.02
Grand Noir	---	420.42	420.42	420.42	395.16	197.36	104.63	111.34	111.34
Grenache	---	426.38	483.77	536.62	353.94	349.96	129.11	110.65	110.65
Grignolino	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Lenoir	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Melbec	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Malaro	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Merlot	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Mission	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Muscat Hamburg	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Nebbiolo	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Perelli 101	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Petite Bouschet	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Petite Sirah	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Pinot Noir	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Pinot St. George	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Reforco Mondeuse	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Roulotte	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Rubired	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Ruby Cabernet	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
St. Macaire	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Salvador	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Sangiovelto	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Sauzito	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Tinta Madeira	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Touriga	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Valdepeñas	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Zinfandel	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Mixed Black	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Total Black	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Total Wine	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00
Total All Varieties	---	426.38	483.77	536.70	353.47	390.88	103.00	103.00	103.00

1/ Total reported tonnage for this variety was less than 25 tons.

2/ Included in district and State totals but not shown to avoid disclosure of individual operations.

Table 6: Tons of grapes purchased by California wineries for distilling (at least 1000 cases) from January 1 to December 31, 1972.

Type and Variety	Net Weight Distilled (tons)	Average Brix Distilling 1972	Average Brix Distilling 1971	Average Brix Distilling 1969	Average Brix Distilling 1968	Average Brix Distilling 1967	Average Brix Distilling 1966	Average Brix Distilling 1965	Average Brix Distilling 1964	Average Brix Distilling 1963	Average Brix Distilling 1962	Average Brix Distilling 1961	Average Brix Distilling 1960	
RAISIN GRAPES:														
Muscats	213.7	59.1	20.6	20.0	17.7	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
Sultanas	1/	177.3	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Thompson Seedless	5,313.9	5,805.0	18.0	17.3	16.1	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
Total Raisin	11,055.4	8,670.1												
TABLE GRAPES:														
Cardinal	1/	190.7	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Emperor	173.0	48.9	17.8	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
Italia	48.7	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Ribier	215.1	54.3	19.1	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
White Malaga	131.6	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Mixed Table	138.5	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Total Table	903.2	375.1	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
WINE GRAPES: (White)														
Chenin Blanc	1,261.5	74.1	18.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
Emerald Riesling	362.6	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Fehler Szagos	265.3	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
French Colombard	5,608.1	82.3	20.7	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
Malvasia Bianca	29.5	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Mixed White	53.8	56.6	18.6	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
Total White	7,602.0	251.1	20.3	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
WINE GRAPES: (Black)														
Alicante Bouschet	64.8	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Barbera	2,132.5	265.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
Black Malvoisie	1/	28.7	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Cabernet Sauvignon	43.9	154.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
Carignane	1,033.7	33.3	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
Carneian	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Gamay (Napa)	331.8	45.2	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Gamay Beaujolais	336.2	26.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
Grenache	651.5	1/	424.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
Mataro	167.2	1/	162.3	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
Mission	131.8	1/	669.9	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
Petite Sirah	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Roulotte	1/	125.8	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Rubired	1/	47.0	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Salvador	1/	395.3	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Tinta Madeira	135.4	145.1	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Valdepeñas	384.4	1/	26.7	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
Zinfandel	703.2	74.0	218.6	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
Mixed Black	5,896.9	1/	48.6	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
Total Black	13,453.9	1/	2,888.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
Total Wine	25,457.5	1/	3,139.7	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
Total All Varieties			12,184.9	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3

1/ Total reported tonnage for this variety was less than 25 tons.

Table 7 (Cont'd)

SONOMA AND MARIN COUNTIES

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix factors	Percent of Variety	Variety	Base Price	Brix factors	Percent of Variety	Wtd. Avg.
Alicante	200.00	610	.1	Carignane (Cont'd.)	250.00	699	56.2	Merlot (Cont'd.)	560.40	691	.2	Print St. George
Bouschet	225.00	699	.75.6		250.00	728	1.6		560.00	611	.3	460.00
	318.75	679	19.5		275.00	001	6.2		500.00	643	1.7	400.00
Wtd. Avg.	(209.35)	001	3.8		611		3.4		500.09	731	2.2	400.00
Barbera	400.00	611	67.0		275.00	731	.3		500.00	742	1.2	400.00
	449.77	905	13.3		283.08	818	.6		550.00	001	.1	400.00
	450.00	001	16.6		325.00	576	.2		580.00	001	.3	400.00
Wtd. Avg.	(418.03)	001	3.1	Wtd. Avg.	350.00	001	.7		600.00	006	.1	400.00
Cabernet	200.00	001	b/	Early Burgundy	275.00	001	1.2	Wtd. Avg.	1120.00	001	.2	Wtd. Avg.
Sauvignon	275.00	001	.1		325.00	610	.8		(440.82)			
	315.00	699	.7		325.00	679	22.5	Petite Sirah	400.00	611	.1	Wtd. Avg.
	400.00	022	.2		325.00	680	11.8		400.00	699	.4	Ruby Cabernet
	400.00	611	2.1		325.00	699	29.9		400.00	728	1.6	350.00
	425.00	676	.6		325.00	731	3.4		420.00	001	5.0	350.00
	425.00	699	.6		350.00	611	5.9		425.00	001	12.3	350.00
	425.00	728	.5		357.64	775	9.3		425.00	576	.2	Wtd. Avg.
	425.00	733	4.2		416.00	001	7.1		425.00	611	.6	359.09
	430.00	001	b/	Wtd. Avg.	(335.33)				425.00	655	1.2	
	440.67	580	b/						425.00	679	.4	
	450.00	001	b/						425.00	731	3.6	
	450.90	576	1.8						487.13	895	2.4	
	431.36	740	.2									
	470.00	001	1.5									
	470.65	699	.4									
	475.00	611	.4									
	475.00	679	8.5									
	475.00	680	3.0									
	500.00	601	4.0									
	500.00	606	.1									
	500.00	610	.1									
	500.00	611	5.0									
	500.00	639	.5									
	500.00	644	.4									
	500.00	667	.3									
	500.00	655	b/									
	500.00	654	b/									
	500.00	671	.2									
	500.00	731	1.8									
	500.00	743	b/									
	520.00	001	b/									
	523.76	818	2.0									
	550.00	001	.7									
	550.00	643	3.9									
	550.00	671	.7									
	574.00	001	b/									
	575.00	579	.2									
	575.00	611	.2									
	580.00	001	.4									
	580.00	577	.7									
	600.00	007	.7									
	625.00	613	.1									
	650.00	001	b/									
	700.40	975	.2									
	825.00	001	.4									
	900.00	006	.1									
	1,120.00	001	.1									
Wtd. Avg.	(454.63)											
Carignane	250.00	610	13.4									
	250.00	611	.1									
	250.00	679	14.4									
	250.00	680	.9									

(Continued)

Table 7 (Cont'd)

CENTRAL COAST, SOUTHERN SKETCHES, CONT'D.

Variety	Base Price	Brix factors	Percent of variety	base prices		Percent of variety	base prices		Percent of variety	base prices		
				Dollars Per Ton	Code a/		Dollars per Ten	Code a/		Dollars Per Ton	Code a/	
Cabernet Sauvignon (Cont'd)	375.00	.001	.1	Camay Beaujolais	350.00	.001	2.5	Pinot Noir (Cont'd)	350.00	600	9.6	Zinfandel (Cont'd)
	381.00	.001	.2	(Cont'd)	350.00	.001	8.0	(Cont'd)	350.00	814	7.6	
	382.00	.001	.4		355.00	.001	2.1		350.00	412	3.5	
	385.59	.001	.8		400.00	.001	9.8		355.00	576	.2	
	390.00	.001	.5		400.00	.001	3.6		355.00	576	.1	
	400.00	.001	.3	Wtd. Avg. (292.94)					355.00	578	.7	
	400.00	.056	.6						355.00	611	1.3	
	400.00	.680	.3	Grenache	315.00	.001	1.5		355.00	613	.1	
	400.00	.801	.5		286.25	.001	6.99		355.00	660	.3	
	400.00	.813	.1		235.00	.001	41.2		375.00	606	1.1	
	400.00	.814	.2		235.00	.001	27.4		400.00	601	13.1	
	402.00	.001	.2	Wtd. Avg. (218.43)					400.00	575	.2	
	402.00	.001	.8						400.00	606	.1	
	402.00	.713	.9						400.00	611	.1	
	420.66	.560	.4	Merlot	360.00	.001	1.3		355.00	613	.1	
	424.08	.001	.4		318.75	.001	6.99		355.00	660	.3	
	424.08	.581	.5		350.00	.001	3.7		375.00	606	1.1	
	425.00	.671	.2		350.00	.001	27.4		400.00	601	13.1	
	425.00	.814	.9		382.00	.001	30.3		400.00	575	.2	
	427.00	.576	.3		384.14	.001	1.3		400.00	606	.1	
	440.00	.001	.2		400.00	.001	9.3	Wtd. Avg. (314.27)	400.00	606	.1	
	441.00	.814	.6		400.00	.003	5.5		400.00	609	1.9	
	450.00	.001	.4		400.00	.001	9.2		400.00	692	.4	
	475.00	.655	.3		400.00	.001	3.7		450.00	576	b/	
	494.00	.001	.2		404.72	.001	.6		450.00	611	.8	
	500.00	.001	.7		440.00	.001	.9		450.00	606	1.2	
	500.00	.576	.8		450.00	.001	4.9		500.00	601	.2	
	500.00	.659	.2		475.00	.001	4.9		500.00	601	.2	
	500.00	.735	.5		490.00	.001	1.7	Royalty Wtd. Avg. (187.50)	490.00	695	100.0	
	525.00	.001	.5		500.00	.001	1.7		500.00	718	20.0	
	600.00	.001	.1		600.00	.001	1.1		600.00	611	.8	
	Wtd. Avg. (352.69)				Wtd. Avg. (312.19)				600.00	657	1.3	
Carignane	100.00	.001	8.5	Petite Sirah	175.00	.001	.1	Wtd. Avg. (243.75)	175.00	699	85.8	
	187.50	.699	91.1		275.00	.001	.3		175.00	718	20.0	
	300.00	.001	.4		300.00	.001	.3		225.00	601	100.0	
	Wtd. Avg. (180.48)				300.00	.001	6.0		225.00	601	100.0	
					639	.001	6.72	Zinfandel	120.00	560	.1	
Early Burgundy	243.75	.639	8.3		300.00	.001	.1		120.00	140.00	.001	
	243.75	.699	16.3		310.00	.001	.6		120.00	175.00	.001	
	262.00	.001	61.2		315.00	.001	6.4		120.00	200.00	.001	
	262.00	.714	14.2		315.00	.001	9.9		120.00	230.00	.001	
	Wtd. Avg. (257.52)				320.00	.001	2.1		120.00	315.00	.001	
Gamay (Napa)	275.00	.001	.3		320.00	.001	2.1		120.00	317.15	.001	
	295.00	.001	6.1		320.00	.001	2.1		120.00	317.15	.001	
	375.00	.498	7.7		325.00	.001	.2		120.00	318.75	.001	
	400.00	.001	2.9		330.00	.001	2.9		120.00	318.75	.001	
	375.00	.441	.1		330.00	.001	.7		120.00	325.00	.001	
	450.00	.056	.9		425.00	.001	.6		120.00	325.00	.001	
	450.00	.441	.6		425.00	.001	.6		120.00	325.00	.001	
	Wtd. Avg. (335.81)				430.00	.001	.1		120.00	325.00	.001	
Gamay Beaujolais	120.00	.590	1.1		430.00	.001	.1		120.00	325.00	.001	
	262.50	.001	7.4		430.00	.001	.1		120.00	325.00	.001	
	262.50	.491	56.0		430.00	.001	.1		120.00	325.00	.001	
	275.00	.001	7.6		430.00	.001	.1		120.00	325.00	.001	
	325.00	.655	.9		430.00	.001	.1		120.00	325.00	.001	

(Continued)

CENTRAL COAST, SOUTHERN SECTION - Part 3

Variety	Base Price	Brix Factors	Percent of Varieties	Variety	Base Price	Brix Factors	Percent of Varieties	Variety	Base Price	Dollars Per Ton	Code a/	Percent	Dollars Per Ton	Code a/	Percent	Dollars Per Ton	Code b/	Percent
Chenin Blanc	345.00	.001	.3	Gewurztraminer (Cont'd)	650.00	6.36	10.4	Sauvignon blanc.	200.00	.001	b/	240.00	.001	.5	260.00	.001	.1	
450.00	.001	.2		677.00	4.4	2.2		260.00	.001		260.00	.001		520.00	.001			
470.00	4.93	1.0		650.00	.001	.5		520.00	.001		520.00	.001		525.00	.001			
475.00	260	24.5		700.00	.001	21.0		616	.5		616	.5		535.94	.569	.1		
475.00	275	.9		700.00	.260	35.1		550.00	.001		550.00	.001		550.00	.001			
475.00	407	.6		700.00	.275	6.3		550.00	.001		550.00	.001		550.00	.001			
475.00	462	1.4		717.43	.001	.1		550.00	.001		550.00	.001		550.00	.001			
499.14	001	b/		725.00	4.48	3.1		550.00	.001		550.00	.001		550.00	.001			
500.00	001	3.6		750.00	.001	.6		550.00	.001		550.00	.001		550.00	.001			
500.00	462	9.4		750.00	.414	.3		550.00	.001		550.00	.001		550.00	.001			
525.00	.001	20.4		750.00	.476	.6		616	.5		616	.5		616	.5			
525.00	279	1.2		674.01)				616	.5		616	.5		616	.5			
525.00	447	1.1						550.00	.001		550.00	.001		550.00	.001			
530.00	444	5.1		Gray Riesling	460.00	.493	3.2		616	.5		616	.5		616	.5		
550.00	441	.3		430.00	.001	6.1		616	.5		616	.5		616	.5			
585.00	441	.1		475.00	.001	1.4		600.00	.001		600.00	.001		600.00	.001			
Wtd. Avg. (492.24)				475.00	.260	6.1		680	.5		680	.5		680	.5			
Emerald Riesling	400.00	260	100.0					550.00	.001		550.00	.001		550.00	.001			
Wtd. Avg. (470.00)								550.00	.001		550.00	.001		550.00	.001			
Flora	400.00	.001	100.0	Malvasia Blanca	400.00	.260	100.0		723	.1		723	.1		723	.1		
Wtd. Avg. (400.00)				Wtd. Avg. (400.00)				723	.1		723	.1		723	.1			
French Colombard	325.00	.001	23.0	Pinot Blanc	500.00	.001	7.3		723	.1		723	.1		723	.1		
350.00	260	42.1		503.00	.493	25.2		723	.1		723	.1		723	.1			
350.00	407	2.0		550.00	.260	51.1		723	.1		723	.1		723	.1			
375.00	447	4.8		550.00	.449	3.2		723	.1		723	.1		723	.1			
503.00	001	18.7		555.00	.001	1.7		723	.1		723	.1		723	.1			
503.00	493	9.4		600.00	.001	9.3		723	.1		723	.1		723	.1			
Wtd. Avg. (388.45)				600.00	.473	.8		723	.1		723	.1		723	.1			
Gewurztraminer	475.00	435	2.9		600.00	.610	.6		723	.1		723	.1		723	.1		
500.00	.001	4.1		650.00	.001	.8		723	.1		723	.1		723	.1			
600.00	.001	1.1		650.00	.530.76)			723	.1		723	.1		723	.1			
650.00	.001	11.7						723	.1		723	.1		723	.1			
								Wtd. Avg. (462.70)			Wtd. Avg. (462.70)			Wtd. Avg. (462.70)				
											Std. Avg.							

LODIA AREA																		
Thompson Seedless	150.00	.001	1.5	Black Malvoisie	140.00	608	76.5	Carignane	85.00	.001	b/	135.00	.001	1.7	Grenache	240.00		
Wtd. Avg. (159.85)	160.00	.001	98.5	Wtd. Avg. (140.00)	681	23.5		140.00	.001		140.00	.001		140.00	.001	1.5		
Tokay	150.00	.001	58.0	Cabernet Sauvignon	120.00	.001	2.2		608	.001		608	.001		63.9	.001	1.5	
152.50	.001	2.0		175.00	.560	26.3		140.00	.001		140.00	.001		681	.001	1.5		
Wtd. Avg. (150.05)				175.00	.608	37.0		150.00	.001		150.00	.001		160.00	.001	1.5		
Barbera	5.00	.057	4.5		175.00	.677	.2		250.00	.001		250.00	.001		125.82			
122.00	.001	13.4		180.00	.427	9.3		250.00	.001		250.00	.001		160.00	.001			
165.00		.4		187.10	.427	7.7												
165.00	.001	603	1.6	225.53	.749	13.7		180.00	.001		180.00	.001		180.00	.001			
165.00	608	46.5		611	1.0	1.0		175.00	.001		175.00	.001		175.00	.001			
165.00	677	10.0		237.50	.001	1.4		175.00	.001		175.00	.001		175.00	.001			
165.00	749	6.3		275.00	.001	1.9		175.00	.001		175.00	.001		175.00	.001			
170.00	.001	.5		375.00	.001	.7		175.00	.001		175.00	.001		175.00	.001			
175.00	.001	.1		400.00	.001	.1		175.00	.001		175.00	.001		175.00	.001			
180.00	611	5.4		411.00	.001	.1		175.00	.001		175.00	.001		175.00	.001			
183.25	427	8.6		475.00	.001	.2		175.00	.001		175.00	.001		175.00	.001			
250.00	.001	.2		550.00	.001	.2		175.00	.001		175.00	.001		175.00	.001			
260.00	.001	1.9		Wtd. Avg. (189.84)				175.00	.001		175.00	.001		175.00	.001			
300.00	611	.6																
Wtd. Avg. (164.75)																		

(Continued)

Table 7 (cont'd)

Variety	base Price Per Ton	brix Code #	Percent of varieties	varieties	base price Per Ton	brix Code #	Percent of varieties	varieties	base price Per Ton	brix Code #	Percent of varieties	varieties	base price Per Ton	brix Code #	Percent of varieties	varieties
Garnache (Cont'd)	120.00 120.00 120.00 120.00	.001 .552 540 .592	19.7 18.5 53.3 3.3	Royalty Ward. Avg. Ward. Avg.	100.00 100.00 107.00 110.00 110.00 105.57	66.1 66.1 553 901 001 738	37.5 3.2 11.9 15.5 117.00 31.9	100.00 (Cont'd: Ward. Avg. Ward. Avg.)	110.00 110.00 111.00 111.00 117.00 110.07	5.4 5.4 6.1 5.7 0.01 1.5	105.54	Heldman, Heldman, Heldman, Heldman, Heldman, Heldman	64.1 2.0 2.1 3.3 0.01 1.5	144		
Wrd. Avg. Jury (Napa)	150.00 150.00 150.00	.001 .552 41.9	15.1 41.9	Kubrid Wrd. Avg.	100.00 100.00 110.00 116.00 101.17	651 651 001 001 101.17	3.1 5.3 .5 5.1 9.7	100.00 101 001 001 101.17	130.00 130.00 130.00 130.00 130.00	908 677 742 631 001	110.7 2.0 3.1 2.1 0.01	Saint Jean, Heldman, Heldman, Heldman, Heldman	21.7 2.5 1.4 1.4 1.4			
Grenache	106.00	.001	1.9	Ruby Cabernet Wrd. Avg.	120.00 120.00 110.00 116.00 101.17	1001 1001 001 001 101.17	3.0 5.5 2.2 5.4	100.00 Wrd. Avg. Wrd. Avg. Wrd. Avg.	175.00 201.25 175.00 175.00	678 001 705 636	110.3 3.6 30.3 32.9	Saint Jean, Heldman, Heldman, Heldman	21.5 2.5 1.4 1.4			
Red. Avg. Malbec	124.73 150.00	.001 .001	1.3 1.3	Ruby Cabernet Wrd. Avg.	120.00 120.00 110.00 116.00 101.17	1001 1001 001 001 101.17	3.0 5.5 2.2 5.4	100.00 Wrd. Avg. Wrd. Avg. Wrd. Avg.	175.00 120.00 120.00	678 553 681	110.7 3.6 30.3	Saint Jean, Heldman, Heldman	21.5 2.5 1.4			
Wrd. Avg. Mission	110.00 110.00 110.00	.001 .552 .001	3.1 43.3 3.1	St. Macaire Wrd. Avg.	110.00 110.00 100.00 100.00 100.00	601 590 001 001 100.00	7.0 52.2 2.2 .6	100.00 Wrd. Avg. Wrd. Avg. Wrd. Avg.	120.00 120.00 119.10	736 001 705 48.5	110.6 21.1 3.6 5.1	St. Macaire, Heldman, Heldman	21.5 2.5 1.4 1.4			
Albariño Sabbatolo	125.00 140.00	.001 .001	13.4 40.00	St. Macaire Wrd. Avg.	110.00 110.00 100.00 100.00 100.00	601 590 001 001 100.00	7.0 52.2 2.2 .6	100.00 Wrd. Avg. Wrd. Avg. Wrd. Avg.	125.00 125.00 125.00 125.00	736 001 152 46.7	110.6 21.1 26.2 46.7	St. Macaire, Heldman, Heldman	21.5 2.5 1.4 1.4			
Petite Sirah	150.00 150.00 150.00	.001 .552 .001	21.0 63.6 21.0	Souzao Tinta Madeira Wrd. Avg.	125.00 125.00 180.00 180.00 141.12	609 608 001 001 141.12	100.00 508 508 300.00 300.00	100.00 Wrd. Avg. Wrd. Avg. Wrd. Avg.	250.00 250.00 275.00 337.00 250.75	001 001 001 021 001	110.6 21.1 3.6 5.1 10.6	St. Macaire, Heldman, Heldman	21.5 2.5 1.4 1.4 10.6			
Wrd. Avg. (150.33)	210.00	.001	6.6	Taldeperas	100.00 110.00 110.00	601 001 554	7.7 2.4 .9	100.00 Wrd. Avg. Wrd. Avg.	240.00 240.00 240.00	001 257 001	110.6 46.3 100.0	St. Macaire, Heldman, Heldman	21.5 2.5 1.4			

CENTRAL SAN JOAQUIN VALLEY

Black Corinth (Zantes)	150.00	.001	100.0	Multarius	130.00 150.00 150.00 150.00 (151.01)	601 001 402 001 27.3	7.7 5.0 2.0 .9	Hobson Seedless (Cont'd: Wrd. Avg. Wrd. Avg.)	150.20 157.00 159.00 160.00 169.00	001 001 001 001 001	110.7 2.5 1.4 1.4 1.4	Hobson, Seedless, (Cont'd: Wrd. Avg., Wrd. Avg.)	21.5
Muscato	100.00	.001	-7	Wrd. Avg.	125.00 130.00 130.00	601 001 001	1.0 1.2 1.2	Wrd. Avg. Packinghouse Gulls	152.40 150.00 149.00	001 001 001	110.7 2.5 1.4	Muscato	21.5
Wrd. Avg.	175.00	.001	17.2	Thompson Seedless	125.00 125.00 125.00 125.00	601 001 001 001	1.0 1.2 1.2 1.2	Wrd. Avg.	175.00 152.40 150.00 149.00	001 001 001 001	110.7 2.5 1.4 1.4	Thompson Seedless	21.5
Wrd. Avg.	160.38	.001	5.7	Valdeperas	150.00 160.00 160.00 160.00	601 750 001 160.42	2.4 7.2 7.2 1.1	Wrd. Avg.	160.00 159.00 158.00 150.00	001 001 001 264	110.7 2.5 1.4 1.4	Valdeperas	21.5
					152.00 154.00 154.00 156.00	601 001 001 001	2.6 2.9 2.9 .7	Wrd. Avg.	152.40 150.00 149.00 149.00	001 001 001 001	110.7 2.5 1.4 1.4	Wrd. Avg.	21.5

(Continued)

Table 7 (Cont'd)

CENTRAL SAN JOAQUIN VALLEY (cont'd.)										
Variety	Base Price	Brix Factors	Percent of varieties	Variety	Base Price	Brix factors	Variety	Base price	Brix factors	Percent of variety
Dollars Per Ton	Code %/.	Percent	Dollars Per Ton	Code %/.	Percent	Dollars Per Ton	Code %/.	Percent	Dollars Per Ton	Code %/.
Cornichon	100.00	.001	100.0	Alicante Bouschet	4.43 %/ 75.00	.057	24.0 Mission	85.00	.001	1.6
Wtd. Avg.	(100.00)						7.3			salvador
Emperor	5.00 %/ 6.11 %/ 7.44 %/	.057 .057 .057	7.5 1.4 8.3	100.00 100.00 100.00	.001 .001 .001	31.1 31.1 709	109.87 109.00 115.00	.001 .001 .001	6.1 7.5 7.4	
Emperor	5.00 %/ 6.11 %/ 7.44 %/	.057 .057 .057	7.5 1.4 8.3	Wtd. Avg. (97.55)			3.6 710			
Barbera	100.00	.001	2.1	Barbera	5.00 %/ 85.00	.057 .001	b/ 2.9	Wtd. Avg.	.001	7.5
Wtd. Avg.	(137.58)						110.00			
Italia	5.00 %/ 100.00	.057 .001	26.0 12.9	100.00	.001	11.2	100.00 Wtd. Avg.	.001	1.6	
Italia	5.00 %/ 148.33	.057 .001	26.0 12.9	109.00	.001	1.2	115.00 Wtd. Avg.	.001	5.1	
White Malaga	5.00 %/ 7.41 %/ 2.77 %/	.057 .057 .057	-3 -3 -3	125.00 125.00 125.00	.001 .001 .001	72.7 682 5.9	125.00 Wtd. Avg.	.003	5.9	
White Malaga	5.00 %/ 150.00	.001	8.5	150.00	.001	8.5	150.00 Wtd. Avg.	.001	8.5	
Wtd. Avg.	(147.19)						68.4 1.0			
Wtd. Avg.	(150.00)						150.00 Wtd. Avg.	.001	8.5	
White Malaga	5.00 %/ 7.41 %/ 2.77 %/	.057 .057 .057	-3 -3 -3	150.00	.001	2.2	150.00 Wtd. Avg.	.001	2.2	
Wtd. Avg.	(150.00)						150.00 Wtd. Avg.	.001	2.2	
Queen	5.00 %/ 150.00	.057 .001	10.7 4.02	150.00	.001	5.0	150.00 Wtd. Avg.	.001	5.0	
Queen	5.00 %/ 154.50	.057 .001	10.7 4.02	150.00	.001	5.0	150.00 Wtd. Avg.	.001	5.0	
Queen	5.00 %/ 155.00	.001	6.4	150.00	.001	6.4	150.00 Wtd. Avg.	.001	6.4	
Queen	5.00 %/ 156.00	.001	3	150.00	.001	3	150.00 Wtd. Avg.	.001	3	
Queen	5.00 %/ 157.00	.001	1.4	150.00	.001	1.4	150.00 Wtd. Avg.	.001	1.4	
Wtd. Avg.	(150.19)									
Pellette	155.00	.001	100.0	Black Malvoisie	5.00 %/ 85.00	.057 .001	b/ 2.1	Pinot Noir Wtd. Avg.	.001	5.6
Wtd. Avg.	(155.00)						85.00 Wtd. Avg.	.001	5.6	
Ribier	4.00 %/ 5.00 %/ 5.76 %/	.057 .057 .057	12.5 22.3 21.0	150.00	.001	31.0	150.00 Wtd. Avg.	.001	31.0	
Ribier	4.00 %/ 90.00	.057 .001	18.0	150.00	.001	2.0	150.00 Wtd. Avg.	.001	2.0	
Ribier	4.00 %/ 100.00	.001	31.7	150.00	.001	5.3	150.00 Wtd. Avg.	.001	5.3	
Red Malaga	4.48 %/ 5.00 %/	.057 .057	7.0 43.3	150.00	.001	5.3	150.00 Wtd. Avg.	.001	5.3	
Red Malaga	4.48 %/ 75.00	.057 .001	7.0 46.8	150.00	.001	5.3	150.00 Wtd. Avg.	.001	5.3	
Red Malaga	4.48 %/ 100.00	.001	8.1	150.00	.001	5.6	150.00 Wtd. Avg.	.001	5.6	
Wtd. Avg.	(96.37)						120.00 554			
Grenache	51.51	.001	3.4	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	109.00 Wtd. Avg.	.001	1.1
Packinghouse Culls	59.82	.001	44.4				85.00 100.00			
Wtd. Avg.	(95.83)						100.00 100.00			
Aleatico	130.00	.001	100.0	Camay (Napa)	115.00	.001	51.5	Ruby Cabernet	100.00	13.2
Wtd. Avg.	(130.00)						125.00 738			
Packinghouse Culls	51.51	.001	3	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	105.00 Wtd. Avg.	.001	1.6
Wtd. Avg.	(133.42)						85.00 100.00			
Chardonnay	51.51	.001	44.4	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	109.00 Wtd. Avg.	.001	1.1
Wtd. Avg.	(133.42)						85.00 100.00			
Burger	130.00	.001	20.9	Wtd. Avg.	20.9	.001	48.5	Wtd. Avg.	.001	2.2
Wtd. Avg.	(130.00)						125.00 738			
Chardonnay	51.51	.001	3.4	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	110.00 Wtd. Avg.	.001	1.1
Wtd. Avg.	(130.00)						85.00 100.00			
Chenin Blanc	51.51	.001	44.4	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	115.00 Wtd. Avg.	.001	1.1
Wtd. Avg.	(130.00)						85.00 100.00			
Chenin Blanc	51.51	.001	38.4	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	115.00 Wtd. Avg.	.001	1.1
Wtd. Avg.	(130.00)						85.00 100.00			
Chenin Blanc	51.51	.001	14.7	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	115.00 Wtd. Avg.	.001	1.1
Wtd. Avg.	(130.00)						85.00 100.00			
Chenin Blanc	51.51	.001	138.83	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	115.00 Wtd. Avg.	.001	1.1
Wtd. Avg.	(138.83)						85.00 100.00			
Chenin Blanc	51.51	.001	130.00	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	115.00 Wtd. Avg.	.001	1.1
Wtd. Avg.	(130.00)						85.00 100.00			
Chenin Blanc	51.51	.001	130.00	Grenache	5.00 %/ 85.00	.057 .001	b/ 1.1	115.00 Wtd. Avg.	.001	1.1
Wtd. Avg.	(130.00)						85.00 100.00			

(Continued)

Table 7 (Cont'd)

Variety	Base Price Per Ton	Brix Factors in Brix	Percent of Market	Varieties		Base Price Per Ton	Brix Factors in Brix	Percent of Market	Varieties		Base Price Per Ton	Brix Factors in Brix	Percent of Market
				Chardonnay	Chenin Blanc				Zinfandel	Chenin Blanc			
Moscato	115.00	.001	59.5	Salvador	116.00	360	100.00	Chenin Blanc	116.00	360	100.00	Chardonnay	115.00
Wtd. Avg.	137.50	.001	10.5	Wtd. Avg.	110.00			(Cont'd.)	400.00	601	7.1	Wtd. Avg.	112.89
Riesling	110.00	.001	17.1	Zinfandel	195.00	.001	12.5	Wtd. Avg.	354.60	601	5.2	Wtd. Avg.	110.00
White Shiraz	200.00	.001	7.6	Wtd. Avg.	110.00	.001	13.5	Wtd. Avg.	359.50	601	2.7	Wtd. Avg.	110.00
Wtd. Avg.	205.00	.003	18.0	Wtd. Avg.	140.00	.001	2.5	Emerald Valley	225.00	601	63.1	Wtd. Avg.	137.50
Wtd. Avg.	220.00	.001	26.0	Wtd. Avg.	160.00	.001	6.1	Wtd. Avg.	350.00	601	36.3	Wtd. Avg.	137.50
Wtd. Avg.	360.00	.001	22.7	Wtd. Avg.	123.81			Wtd. Avg.	270.95			Wtd. Avg.	137.50
Pinot St. George	300.00	.001	6.3	Wtd. Avg.	150.00	.001	.6	Calcasieu Blanca	140.00	601	100.0	Wtd. Avg.	137.50
Wtd. Avg.	(203.42)			Wtd. Avg.	160.00	.001	.6	Wtd. Avg.	160.00	601		Wtd. Avg.	137.50
Chardonnay	100.00	.001	100.0	Chardonnay	160.00	.001	11.0	Muscat Blanc	160.00	601	10.5	Wtd. Avg.	137.50
Wtd. Avg.	(300.00)			Wtd. Avg.	160.00	.003	41.9	Wtd. Avg.	160.00	601		Wtd. Avg.	137.50
Chablis	110.00	.001	18.5	Wtd. Avg.	500.00	.001	46.5	Talosine	150.00	601	7.1	Wtd. Avg.	137.50
Wtd. Avg.	150.00	.001	2.0	Wtd. Avg.	(446.47)			Wtd. Avg.	200.00	601		Wtd. Avg.	137.50
Chardonnay	110.82			Chenin Blanc	255.00	.001	19.7	Fredro Ximenes	136.00	601	100.0	Wtd. Avg.	137.50
Wtd. Avg.				Wtd. Avg.	380.00	.001	6.5	Wtd. Avg.	160.00	601		Wtd. Avg.	137.50
				Wtd. Avg.	382.30	.056	21.8	Wtd. Avg.	(150.00)			Wtd. Avg.	137.50

^{a/} See code descriptions page 27.^{b/} Less than 0.1 percent.^{c/} Price per degree Brix, not included in weighted average price.

Table 7 (Supplement)

The following brix adjustment factors are on a per degree brix basis and are normally calculated to a tenth of a degree. Most wineries, however, indicate a minimum brix level and grapes testing below that level may be subject to price reduction or rejection by the winery. There are factors other than brix, such as material other than grape (HSG), defects, sugar-acid ratios, and bottle pricing formulas that affect grape prices. These were not considered in this presentation, but were considered in arriving at weighted average prices.

NO PREMIUM OR PENALTY 001-024**19.5° BRIX 203**

203 No premium; -5%

20° BRIX 252-299

252 No premium; -5% min. 17°

254 No premium; -7% min. 17°

256 No premium; -8%

257 No premium; -10%

258 No premium; -10% min. 18°/19°

260 No premium; -15%

261 No premium; -15% min. 18°

262 No premium; -15% min. 19°

264 No discount; +8% max. 21°

265 +2% to 21°; +5% to 22°; +2% max. 23°; -6% min. 19°

266 +20% max. 21°; -15% min. 18°

274 + or - 10% max. 22°

275 + or - 10% max. 22°; min. 18°

277 +15% to 21°; +25% max. 22°; -15% to 19°; -25% min. 18°

278 +15% to 21°; +20% max. 23°; -20% min. 19°

279 No discount; +10% max. 22°

280 +5% to 22°; +10% max. 23°; -10% min. 19°

281 +5% to 21°; +10% max. 22°; -10% min. 19°

282 + or - 15% max. 21°; min. 19°

283 + or - 10% max. 21°; min. 19°

285 No discount, min. accep. 19°; +5% max. 21°

286 No discount; +10%

287 +7% max. 22°; -10% to 19°; -15% min. 18°

288 +10% max. 21°; -20% min. 19°

289 + or - 10% max. 22°; min. 17°

290 + or - 10% max. 23°; min. 19°

291 + or - 10%

292 + or - 10% max. 22°; min. 19°

293 + or - 20% max. 21°; min. 19°

294 No premium; -3.4%

295 No discount; +5% max. 21°

19.5° BRIX 152-159

152 No premium; -10%

154 + or - 5% max. 21°; min. 17°

156 + or - 7% max. 21°; min. 18°

157 +7% max. 21°; -7% to 17°; -14% min. 13°

158 No premium; -10% min. 18°

159 No premium; -\$7.50

160 +5% at 19°; +1% max. 22.9°; +2% 23° and over; -\$5.00 min. 18°

161 No discount; +8% if 21° or over

162 No discount; +6% if 19° or over

19.5° BRIX 252-293 (Cont'd)

296 +15% to 21°; +20% max. 22°; -15% to 19°; min. 18°

297 + or - 7% max. 22°; min. 18°

298 +15% max. 21°; -10% min. 19°

299 +15% max. 22°; -10% min. 18°

299.5° BRIX 301-304

301 + or - 16% max. 23.5°; min. 17°

303 +7% max. 22.5°; -10% min. 19°

304 +5% max. 22.5°; -10% min. 19°

20.7° BRIX 401-499/510-539

309 + or - 7% max. 23°; min. 19°

309.5° BRIX 401-499

310 + or - 7% max. 23°; min. 19°

21° BRIX 401-499/510-539

401 No premium; -5%

402 No premium; -5% min. 17°

403 No premium; -7% min. 17°

407 No premium; -10% min. 19°

410 No premium; -15% min. 20°

411 No discount; +7% max. 23°

413 No discount; +10%

414 No discount; +10% max. 23°

420 No discount; +15% max. 23°

427 + or - 5% max. 23°; min. 19°

435 +7% max. 22°; -10% min. 19°

436 +7% max. 23°; -10% min. 20°

441 + or - 10%

442 + or - 10%; min. 20°

444 + or - 10%; max. 23°; min. 20°

446 + or - 10%; max. 23°

447 + or - 10%; max. 23°; min. 18°

448 + or - 10%; max. 23°; min. 19°

449 + or - 10%; max. 23°; min. 20°

451 +10% max. 23°; -20% min. 20°

(Continued)

21. E&L 431-499/510-539 (Cont'd)

471 * or - 15%; max. 22%; min. 19;

472 * or - 15%; max. 22%; min. 19;

473 * or - 22%; +20%; max. 23%; -15% min. 20;

474 * or - 22%; +20%; max. 23%; -15% to 20%; min. 19;

475 * or - 15% to 22%; +25%; max. 23%; -10% min. 20;

476 * or - 22%; +25%; max. 23%; -15% to 20%; min. 19;

477 * or - 20%; max. 23%; min. 19;

478 * or - 10%; max. 24%; min. 20;

479 * or - 15%; max. 22%; min. 20;

480 * or - 10%; max. 21%; +10%; min. 24;

481 * 7½% max. 23%; -10% min. 19/720°

482 * 7½% max. 22.5%; -10% min. 19°

483 * 5% max. 23%; -10% min. 20°

484 * or - 15%;

485 * 10% max. 23%; -10% to 20%; -15% min. 19;

486 * 10% to 22%; +15% max. 24%; -15% min. 20°

487 * or - 7½ max. 22%; min. 19°

488 * or - 10% max. 23%; -10% min. 19;

489 * or - 15% max. 22%; min. 19°

490 * or - 20%; max. 22%; min. 19°

491 * or - 15% below 20°

492 * 15% to 22%; +25%; max. 22.5%; -15% to 20°; -20%

493 * or - 10%; max. 22%; min. 19°

494 * or - 10% max. 23%; -15% min. 19°

495 * or - 15% max. 23%; min. 20°

496 * or - 20%; max. 22%; -10% min. 19°

497 * 15% to 22%; +20%; max. 23%; -15% to 20%; -20% min. 19°

498 * or - 15% max. 23%; min. 20°

499 * or - 20%; max. 23%; min. 19°

500 * or - 15% min. 19°

501 * or - 10%; max. 23%; min. 19°

502 * or - 7½ max. 23%; min. 19°

21.4. BRIL

503 * or - 10%; max. 23%; min. 19°

504 * 15% to 23%; +10%; max. 24%; min. 19°

505 * or - 10%; max. 23%; min. 19°

506 * or - 10%; max. 23%; min. 19°

507 * 15% to 23%; +10%; max. 24%; min. 19°

508 * or - 10%; max. 23%; min. 19°

509 * or - 10%; max. 23%; min. 19°

510 * 15% to 23%; +10%; max. 24%; min. 19°

511 * or - 10%; max. 23%; min. 19°

512 * or - 10%; max. 23%; min. 19°

513 * or - 10%; max. 23%; min. 19°

514 * or - 10%; max. 23%; min. 19°

515 * or - 10%; max. 23%; min. 19°

516 * or - 10%; max. 23%; min. 19°

517 * 16% (5% acid) max. 23%; -10% to 20%; -20% to 19°

518 * 10% (+5% acid) max. 23%; -10% to 19%; -20% to 18%; -30% min. 17½°

519 * or - 10%; max. 23%; min. 19°

520 * or - 20%; max. 22.5°; min. 20°

521 * or - 4%

522 * or - \$50.00 max. 25°

523 * or - 10%; max. 23%; -10% to 22%; +17% max. 23°

524 * 6% to 21°; +2½ max. 23%; -5% min. 19°

525 * or - 20% max. 22.5° min. 20°

526 * 10% to 22%; +13% max. 23%; -10% to 20%; -10% min. 19°

527 * 12% to 22%; +17% max. 23%; -7% to 20%; -17% min. 19°

528 * 6½% max. 23%; -5% to 20%; -10% min. 19°

529 * or - 3½ max. 23%; min. 19°

530 * 3½ max. 23%; -2% to 20%; -12% min. 19°

531 * 13% max. 23%; -13% to 20%; -9% min. 19°

532 * 5% to 22%; +2½ max. 23%; -13% min. 19°

533 * 3½ max. 23%; -2% to 20%; -13% min. 19°

534 * 4% max. 23%; -3% to 20%; -12% min. 19°

21.2. BRIL

535 * or - 10%; max. 23°

536 * 5½ max. 23%; -6% to 20%; -11% min. 19°

537 * 7½ max. 23%; -3% to 20%; -11% min. 19°

538 * 5½ max. 23%; -11% min. 19°

539 * 4% max. 23%; -3% to 20%; -12% min. 19°

540 * 15% to 23%; +10%; max. 24%; min. 19°

541 * 10%; max. 23%; min. 19°

542 * 15% to 23%; +10%; max. 24%; min. 19°

543 * 10%; max. 23%; min. 19°

544 * 15% to 23%; +10%; max. 24%; min. 19°

545 * 10%; max. 23%; min. 19°

546 * 15% to 23%; +10%; max. 24%; min. 19°

547 * 10%; max. 23%; min. 19°

548 * 15% to 23%; +10%; max. 24%; min. 19°

549 * 10%; max. 23%; min. 19°

550 * 15% to 23%; +10%; max. 24%; min. 19°

551 * 10%; max. 23%; min. 19°

552 * 15% to 23%; +10%; max. 24%; min. 19°

(Continued)

Table 7 (Supplement)

BRIN ADJUSTMENT FACTOR (Cont'd)

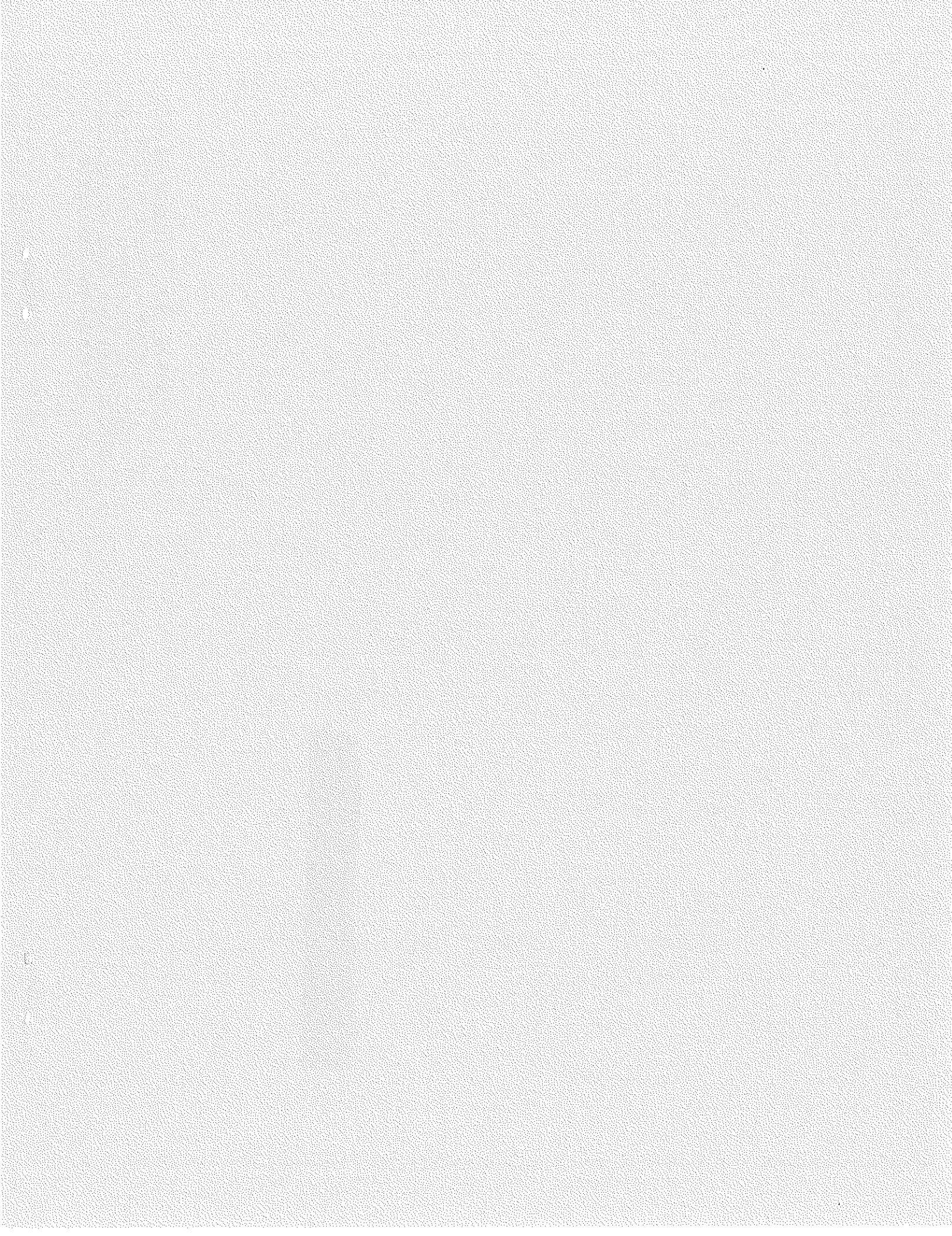
22° BRIX 550-749 (Cont'd)		22° BRIX 550-749 (Cont'd)
\$90 + or - \$5.00	No discount; min. accep. 23°; +10% max. 25°	660 No discount; min. accep. 23°; +10% max. 25°
591 +10% to 23°, +11% max. 24°; -10% to 21°, -16% min. 20°	662 No discount; +3% over 23°	662 No discount; +3% over 23°
592 +14% to 23°, +13% max. 24°; -14% to 21°, -22% min. 20°	663 No discount; +18% to 23°, +35% max. 24°; -26% min. 21°	663 No discount; +18% to 23°, +35% (compounded) max. 24°, +35% (compounded) min. 20°
593 +4% to 23°, +5% max. 24°; -4% to 21°, -7% to 20°, -14% min. 19°	664 +15% to 23°, +35% max. 24°; -26% min. 21°	664 +15% to 23°, +35% max. 24°; -26% min. 21°
594 +4% to 23°, +5% max. 24°; -6% to 21°, -13% min. 19°	665 +15% to 23°, +35% max. 24°; -26% min. 21°	665 +10% to 23°, +15% max. 24°; +1% to 21°, -1% to 20°
595 +4% to 23°, +5% max. 25.5%; -4% to 21°, -6% to 20°, -13% min. 19°	666 No discount; min. accep. 22°; +10% max. 25°	666 +15% to 23°, +25% max. 23.5%; -1% to 21°, -1% to 20°
597 + or - 5% max. 24°, min. 19°/20°	667 +15% max. 24°; -10% min. 20°	667 +20% max. 23°; -15% to 21°, -5% to 20°
598 + or - 7% max. 23°, min. 20°	668 +5% max. 24°; -10% min. 20°	668 No premium; -\$1.50
599 + or - 7% max. 24°, min. 19°/20°	669 No discount; min. accep. 21°; +10% to 23°, +20% max. 24°	669 No discount; +5% max. 23°
600 + or - 7% max. 23°; -10%, min. 20°	670 No discount; min. accep. 22°; +15%	670 + or - 15% max. 23°, +10% to 21°, -1% to 20°
603 +7.5% max. 24°; -10% min. 20°/19°	671 +10% max. 24°; -10% to 21°, -20% min. 20°	671 +10% max. 23°; -10% to 21°, -1% to 20°
606 + or - 10%	672 No discount; min. accep. 22°; +\$100.00	672 +20% max. 22.5%; -15% to 21°, -2% to 20°
608 + or - 10%, max. 23°	673 + or - 10% max. 24°, min. 18°	673 + or - 15% max. 23°
609 + or - 10% max. 23°, min. 21°	674 + 10% to 23°, +15% max. 24°; -10% to 21°, -15% min. 20°	674 + or - \$5.00 max. 23°, min. 20°
610 + or - 10%, max. 24°	675 +20% max. 23°; -15% min. 21°	675 No premium; -\$4.55 min. 19°
611 + or - 10% max. 24°, min. 20°	676 +15% to 23°, +12.5% max. 23.5%; -15% min. 21°	676 No premium; -\$5.00 min. 20°
612 + or - 10% max. 25°, min. 20°	677 + or - 10% max. 23°, min. 20°	677 No premium; -\$5.00 min. 19°
613 +6% to 23°, +7% max. 24°, -6% to 21°, -8% to 20°, -6% min. 19°	678 + or - 7% max. 23°, min. 17°	678 +15% to 23°, +20% max. 24°; -10% to 21°, -15% min. 20°
614 +14% to 23°, +13% max. 24°; -13% to 21°, -22% min. 20°	679 +10% to 23°, +15% max. 24°; -10% to 21°, -15% min. 19°	679 +9.7% to 23°, +\$88.20 max. 24°; -10% to 21°, -1% to 20°
615 +12% to 23°, +13% max. 24°; -12% to 21°, -18% min. 20°	680 + or - 10% max. 24°, min. 19°	680 +3.8% to 23°, +\$54.40 max. 24°; -1% to 21°, -1% to 20°
616 + or - 15% max. 23°, min. 19°	681 + or - 10% max. 23°, min. 19°	681 +9.5% to 23°, +\$68.20 max. 24°; -10% to 21°, -1% to 20°
637 + or - 15% max. 23°, min. 21°	682 No premium; -10% min. 19°	682 +13.7% to 23°, +\$68.20 max. 24°; -10% to 21°, -1% to 20°
638 + or - 15% max. 24°, min. 19°	683 No premium; -5% min. 20°	683 +11.7% to 23°, +\$70.40 max. 24°; -1% to 21°, -1% to 20°
639 + or - 15% max. 24°, min. 20°	684 No premium; -5% min. 21°	684 +3.8% to 23°, +\$68.40 max. 24°; -1% to 21°, -1% to 20°
643 +15% to 23°, +20% max. 24°, 25°, 25.5%; -15% to 21°, -20% min. 20°	685 + or - 5% max. 24°, min. 21°	685 +10% to 23°, +\$66.00 max. 24°; -1% to 21°, -1% to 20°
644 +15% to 23°, +25% max. 24°; -10% min. 20°	686 No discount; -10% min. 20°	686 +10% to 23°, +\$66.00 max. 24°; -1% to 21°, -1% to 20°
647 +15% to 23°, +25% max. 24°; -15% to 21°, -25% min. 20°	687 No discount; min. accep. 21°; +5% max. 24°	687 +10% to 23°, +\$66.00 max. 24°; -1% to 21°, -1% to 20°
653 + or - \$150.00 max. 24°, min. 21°	688 + or - 10% max. 25.5%, min. 20°	688 +15% to 23°, +15.8% max. 24°, +10%; -15% to 21°, -15.8% min. 20°
654 No discount; +15% max. 24°	689 +15% to 23°, +15.8% max. 24°; -10%; -15% to 21°, -15.8% min. 20°	689 +10.5% to 23°, +\$69.60 max. 24°; -1% to 21°, -1% to 20°
655 + or - 10%, max. 24°, min. 21°	-	690 +15% to 23°, +15.8% max. 24°, +6%; -15% to 21°, -15.8% min. 20°
656 No discount; +5% max. 24°	-	691 +15% max. 24°; +\$50.00; -15% min. 20°
657 + or - 10%, max. 24°, min. 19°	692 No discount; min. accep. 22°; +10% max. 23°	692 + or - 20% max. 23°, min. 21
659 + or - 10% max. 25°, min. 21°	693 +18% to 23°, +20% max. 24°; -18% to 21°, -20% min. 20°	693 +10% max. 24°; -15% min. 20°
	694 +10% to 23°, +20% max. 24°; -10% to 21°, -20% min. 20°	694 +15% max. 24°; -10% min. 21°
		695 No discount; +10% max. 23.5°

(Continued)

Table 7 (continued)

ADJUSTMENT FACTOR (cont'd.)

22° Brix 550-749 (Cont'd.)	
727 +20% max. 23°; -15%	728 +15% to 23°; +12.5% max. 23.5°; -15% to 21°; -25% min. 20°
729 No discount, min. accept. 22%; +\$160.00 max. 25%	730 No discount; +10% to 23%; +15% max. 24%; +25% mountain grown
731 +10% max. 24°; (+5% acid); -10% to 21°; -20% to 20°; -30% min. 18°	732 No discount; +8%
733 +15% to 23°; +25% max. 23.5%; -15% to 21°; -25%; min. 20°	734 No discount; +15%
735 No discount; +10%; +\$50.00	736 + or - 20% max. 23.5%, min. 20%
737 No premium; -5% min. 20°	738 + or - 4%
739 + or - 10%, max. 25%	740 No discount, +\$15.00 to 23°; +\$10.00 to 23.5°; +10% quality bonus
741 No discount, +13.5% max. 24°	742 No discount, min. accept. 22°; +10% max. 24°
743 No discount, min. accept. 23.5°; +10% max. 25°	744 No discount, min. accept. 21°; +10% max. 25°
745 No discount, +\$68.22 max. 30°	746 No discount, +25% to 23%; +10% max. 24°, some with +25% mountain quality
747 No discount, +\$125.00 quality premium at 22°-24°	748 + or - 25% max. 24°, min. 21°
749 + or - 5%, max. 24°	750 No premium; -5% min. 17°
22.1° Brix	751 + or - 7% max. 24°, min. 19°
752 + or - 7% max. 24°, min. 21°	753 No premium; -5% min. 17°
754 No discount, min. accept. 22.5°; +15% max. 24.5°	755 No premium; -11% min. 14°
756 No discount, min. accept. 22.5°; +15% max. 25°	757 No discount; +20% max. 30°



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